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Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

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Volume 133 JANUARY 24, 1938 Number 4

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

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N.Y. Judge States Fair Trade Rules

Due Notice Held Necessary And Discrimination Banned —A.F.T.L. Revival Planned

Price-cutting has been the rule in the liquor trade in this city during the past two weeks. In a way, this was attributable to the ruling one New Jersey vice-chancellor that the liquor manufacturers' contracts under the fair trade law of that State were invalid. Retailers in this city slashed prices to keep hold of their New Jersey customers.

A crisis was reached when the National Distillers Products Corporation rescinded its fair trade act contracts as far as dealers in this section were concerned. This action was taken, it said, because the dealers had been boycotting its products. This was emphatically denied by officials of the dealers' organization. January 19 the National corporation restored the minimum price schedule on its leading brands.

Price-Cutter Enjoined

This followed the granting of an injunction by Supreme Court Justice Bernard L. Shientag against the cutting of prices on Calvert and Seagram whiskies by the Nussbaum Liquor Store. Declaring that the State fair trade act is indefinitely worded, Justice Shientag laid down nine rules, which, he said, must be observed if the law is not to become a weapon of discrimination in the hands of owners of trademarks. The justice had a feeling that amendment of the law might be necessary, perhaps in the direction of the creation of an administrative agency. Meanwhile, to clarify the purpose of the statute, as he

—Continued on page 40

N.J. Judges Reach Fair Trade Accord

Jersey City, Jan. 17

Chancellor Luther A. Campbell announced today that the vice-chancellors of the State, had agreed that, in the application of the State fair trade act, the rulings of Vice-Chancellor A. E. Stein, Newark, should be followed. Vice-Chancellor Stein has held that all retailers are bound by the minimum price specified in a manufacturer's contract, regarding such contracts as of full legal value.

This opinion differs from that of Vice-Chancellor J. O. Bigelow, Newark, who has held that fair trade act contracts are not legal because they lack the term of commensurate compensation for the retailer. One of Vice-Chancellor Bigelow's decisions has been appealed to the New Jersey Court of Errors and Appeals. The decision in this appeal will be the precedent for the vice-chancellors, even though it be contrary to their agreement.

Chemical Corporations Grossed More Than Seven Billions in 1935

OPD Washington Bureau
January 19, 1938

Seven thousand nine hundred sixty-nine corporations in the classification of chemicals and related products filed returns under the Federal income tax law for 1935. Their aggregate gross income, according to the report of the Bureau of Internal Revenue, was $7,428,252,000, compared with an aggregate of $6,634,696,000 reported by 8,218 corporations for 1934.

For 1935, net incomes were reported by 3,156 corporations in this classification, these reporting a total of $366,128,000. For 1934 a total of net income of $324,031,000 was reported by 3,049 corporations. Corporations reporting no net income for 1935 numbered 4,350, their reported deficits aggregating $114,331,000. This compares with an aggregate deficit of $177,851,000 reported by 4,557 corporations for 1934.

Details in the reports of the chemical group of corporations for 1935 follow (of the 7,969 corporations filing returns, 463 were inactive and reported no income data):—

	Reporting net income.	Reporting no net income.
Number of returns	3,156	4,350
Gross income	$4,545,732,000	$2,882,520,000
Deductions	4,179,604,000	2,996,851,000
Net income	366,128,000	.....
Deficit	.....	114,331,000
Income tax	50,340,000	.....
Excess-profits tax.	929,000	.....

With respect to the several divisions of the class of chemical and related corporations the report has the following details:—

Chemicals Proper

(631 returns)

	Reporting net income.	Reporting no net income.
Number of returns	324	274
Gross income	$1,652,361,000	$339,792,000
Net income	96,020,000	.....
Deficit	.....	2,736,000
Income tax	13,203,000	.....
Excess-profits tax	178,000	.....

Drugs, Oils, Soaps, and Other Chemical Products

(4,986 returns)

Number of returns	1,814	2,913
Gross income	$1,652,316,000	$339,792,000
Net income	167,428,000	.....
Deficit	.....	20,073,000
Income tax	23,018,000	.....
Excess-profits tax	393,000	.....

Paints, Varnishes, Pigments and Other Materials

(1,098 returns)

	Reporting net income.	Reporting no net income.
Number of returns	522	521
Gross income	$345,446,000	$45,988,000
Net income	32,007,000	.....
Deficit	.....	3,419,000
Income tax	4,401,000	.....
Excess-profits tax	169,000	.....

Fertilizers

(401 returns)

Number of returns	192	195
Gross income	$116,246,000	$56,750,000
Net income	$7,187,000	.....
Deficit	.....	3,411,000
Income tax	988,000	.....
Excess-profits tax	45,000	.....

Petroleum and Other Mineral Oil Refining

(853 returns)

Number of returns	304	447
Gross income	$1,774,092,000	$2,403,014,000
Net income	63,487,000	.....
Deficit	.....	84,692,000
Income tax	8,730,000	.....
Excess-profits tax	145,000	.....

Corporation returns under the Federal income tax law totaled for 1935 for all classes 533,631, against 528,898 reporting for 1934. The aggregate reported gross income was $113,936,170,000, against $100,831,253,000. Corporations reporting net incomes totaled 164,231, against 145,101; their gross incomes totaling $77,441,506,000, against $62,920,954,000, and their net incomes, $5,164,723,000, against $4,275,197,000. No net income for 1935 was reported by 312,882 corporations, compared with 324,703 reporting no net income for 1934. The 1935 gross incomes of this group totaled $36,494,664,000, against $37,910,299,000 reported for 1934, and the aggregate deficit was $3,468,774,000, against $4,181,027,000.

Of the corporations filing returns for 1935 the number furnishing no income data was 56,518, compared with 59,094 in this "inactive" grouping for 1934.

Switzerland by a recent decree has prohibited the use of isopropyl alcohol or other substances, in place of ethyl alcohol, for the manufacture of perfumery and cosmetics, and putting products thus manufactured into circulation.

Business Advisory Council Presents Plan to President

OPD Washington Bureau
January 20, 1938

Cooperation between business and the government in formulating and administering national economic policies is desired by the administration, President Roosevelt told members of the Business Advisory Council of the Department of Commerce who met with him last night in the White House.

The President suggested that an unofficial but representative committee be formed of about twenty-five persons qualified to speak for large and small industries, trade, agriculture, transportation, finance, and consumers, but emphasized that this would not constitute a national planning board nor in any way revive the NRA idea of business regulation.

The conference in the White House was one of a series the President is having with groups of business men, at which he is discussing the economic situation and proposals for stimulating business activity and promoting the social and economic reforms which constitute objectives of the New Deal. The members of the advisory council, which is holding a periodic meeting here today, spent an hour and a half with the President. They presented a prepared statement endorsing many of the President's policies and recent declarations, but suggesting certain limits to some of them. This statement was then discussed informally by the President and the others present.

Included in the statement were recommendations that a fresh study be made of the possible effects of proposed wage and hour legislation; revision of the antitrust laws to make them more specific and to encourage a certain degree of cooperation within industries; decentralization of industry but without outlawing all holding companies; modification of taxes to stimulate the use of capital; early solution of the public utility problem, and steps to improve labor relations.

Among the members of the advisory council present at the White House conference were F. B. Adams, chairman of the board of the Air Reduction Company; John D. Biggers, president of the Libbey-Owens-Ford Glass Com-

—Continued on page 54

Dr. Van Stone Heads S.-W. Manufacturing

Cleveland, Jan. 18, 1938

Appointment of Dr. N. E. Van Stone as director of manufacturing operations for the Sherwin-Williams Company, manufacturer of paints, varnishes, and lacquers, has been made known by

Dr. N.E. Van Stone

George A. Martin, president of the company. Dr. Van Stone has been head of the company's lacquer research and manufacturing in Chicago, and he comes to Cleveland with a brilliant record that was heartily recognized by Mr. Martin at a dinner in his honor last evening in the Union Club and has placed him high among chemists in the paint industry.

Mr. Martin was host at the dinner. Dr. Van Stone was welcomed on the occasion by about sixty Sherwin-Williams executives, department managers, heads of subsidiaries, and superintendents.

—Continued on page 40

Unemployment Insurance Tax Returns Due January 31

OPD Washington Bureau
January 17, 1938

Warnings that employers of eight or more persons during 1937 must file their Federal unemployment insurance tax returns by January 31 have been issued by the Bureau of Internal Revenue and by the Social Security Board. The rate is 2 percent of the payroll, and there will be no extension of time such as was granted last year.

All contributions to State unemployment funds for 1937 must be made before January 31 in order to be used as a credit against the 1937 Federal tax.

Housing Bill Revised To Revive Title I

OPD Washington Bureau
January 21, 1938

Senate and house conferees on the housing act amendments have reached an agreement comprising a new bill embodying parts of the bills passed by the house and the senate, the principal change being elimination of the senate provision that prevailing rates of wages be paid to labor on buildings covered by insured mortgages.

The conference bill restores old title I of the act until July 1, 1939, permitting guaranty of bank loans for alteration, repair, and improvement of urban or rural property up to $10,000 each, plus a new provision covering loans of this character for new construction up to $2,500.

The premium charge on insured mortgages is reduced, and loans are permitted up to 90 percent on houses costing less than $6,000, and such loans may run twenty-five years. Many technical changes were made regarding mortgage insurance fund and debentures issued by FHA in exchange for foreclosed mortgages.

The provisions of the law relating to mortgages on large-scale housing projects are greatly liberalized and permitted to cover rental houses. A new section permits insurance of mortgages on multifamily structures. Farm homes are also made eligible for mortgage insurance, with certain restrictions.

The provisions governing the creation of national mortgage associations to deal in insured mortgages are liberalized, and these are permitted to make direct construction loans, also, except such associations as are financed by the federal government.

The house accepted the conference bill this afternoon. The senate will take up the report some time next week.

Chemical Price Changes Mixed

Price changes in the markets for heavy and fine chemicals last week had no particular significance aside from further weakness in tin and copper derivatives and a bit more strength in pharmaceuticals. Some organic nitrogenates were higher; lower grades of glycerin were cheaper.

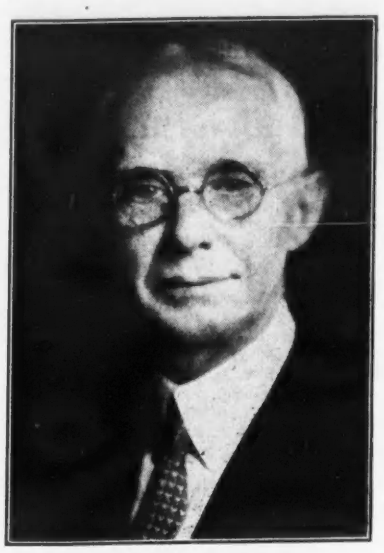
Broadening of operations in certain major consuming industries increased demand in heavy chemical lines. There was, however, no indication that buyers were inclined to stock beyond operating needs. The price situation was not such as to cause anticipatory buying.

Prices were advanced on 52-degree silicate of soda, rosins, turpentine, rosin oil, menthol, cocoabutter, domestic and imported dried blood, imported tankage, domestic tankage at Chicago, menhaden meal at Baltimore, and hoofmeal at Chicago. Prices were reduced on electrolytic copper, monohydrated blue vitriol, black and red oxides of copper, tin crystals, tetrachloride of tin, soaplye and saponification glycerins, domestic casein, milk powder and Western nitrogenous fertilizer stuff.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 126.9 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.8, compared with 89.0 at this time last year.

Florida Paper Mill Dedicated to Dr. Herty

Dr. Charles H. Herty, widely known chemist, was the guest of honor at the dedication of the first unit of a $9,000,000 paper and pulp mill being erected in



Dr. Charles H. Herty

Fernandina, Fla., January 14. A bronzing plaque dedicating the plant to him was unvieled by Walter P. Paepcke, president of the Container Corporation of America, for which the mill was built. The occasion was made the celebration of a "Florida Industries Day."

Continued on page 27—

Dr. Ivor Griffith Elected P.C.P. Dean

Dr. Ivor Griffith has been elected dean of pharmacy at the Philadelphia College of Pharmacy and Science to

Dr. Ivor Griffith

succeed the late Dr. Charles H. LaWall. He had been assistant dean and occupies the professorship in theory and

—Continued on page 39

Phosphate Mining Enters Chemical Field

Phosphate Mining Company, this city, long identified with the production and sale of Florida phosphate rock, is expanding its scope of operations into the chemical manufacturing field and has completed construction of a large electric furnace at its Nichols, Fla., plant for the electrothermal production of elemental phosphorus. The company is also preparing to manufacture phosphoric acid of technical and food grade, and also expects, within a short time, to place in operation a plant for the manufacture of triple superphosphate analyzing about 50 percent available phosphoric acid, which is to be marketed to the fertilizer industry under the trade name "Electrophos." Several other new products are understood to be in the development stage in the company's laboratories.

—Continued on page 46

Closing Market Developments

London Closing Cable

LONDON, Jan. 21, 1938.

Quotations on carnauba wax were 157s 6d per hundredweight; beeswax, 110s per hundredweight.

Tallow Lower

Tallow was easier late in the week, offerings on spot being somewhat freer following a reactionary trend in futures. Sales were reported on Friday at 6½c. per pound for extra, f.o.b., a decline of ⅛c.

Buchu Leaves Lower

Quotations on buchu leaves were lowered to the basis of 45c. to 46c. per pound. New crop prices from the source have come in lower of late but some of the decline has been recovered in the latest cables received.

Tin Salts Lower

Tin salts were lower at the close of the week. Tin crystals were 33½c. to 34c. per pound; anhydrous tetrachloride of tin, 21c. per pound, and soda stannate, 28c. to 31c. per pound. Straits tin was quoted at 41¼c. per pound.

Fair Trade Injunction Granted in Mass.

Boston, Jan. 20, 1938

Judge Hanify in the superior court today granted an injunction against the Fisi Sales Company, Lawrence, prohibiting the sale of Scott's emulsion at prices below the minimum stipulated in contracts under the State fair trade act. This action gives Sam Silverman, representing the Massachusetts commission, the decision in the first court test of the State fair trade law.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Benzol, Motor:—A Canadian order continues in effect until April 30, 1938, the intermediate rate of 10 percent ad valorem (free, British preferential, and 20 percent ad valorem, general) on imports from the United States and other most-favored-foreign nations of coaltar benzol imported by refiners of crude petroleum for use only in blending with gasoline wholly produced in Canada.

Ferrocerium:—France will apply a tax of 500 francs per kilo on ferrocerium and similar products consumed there. Ferrocerium and similar products exported under permit by manufacturers and wholesale merchants are exempted from the tax.

Ferrosilicon:—Austria is imposing an import duty on ferrosilicon with a silicon content of more than 30 percent but less than 88 percent of 6 crowns per 100 kilos; with 30 percent or less, 4 gold crowns per 100 kilos. With a silicon content of 88 percent or more the duty remains at 1 gold crown by 100 kilos.

Flaxseed:—France has ruled that the quantity of flaxseed for sowing which may be admitted duty-free, under license, during the period September 1, 1937, to August 31, 1938, is 9,500 metric tons.

Lard Substitutes:—The Swedish excise tax on artificial lard and other butter and lard substitutes having a water content of more than 1 percent has been increased from 0.40 crown to 0.45 crown per kilo.

Margarin:—The Netherland crisis consumption tax on domestically produced margarin has been increased to 0.55 florin per kilo. This fee had been reduced to 0.509 florin on August 29, 1937, and the above mentioned constitutes the fourth such change since that date.

Margarin:—Sweden has increased the import duty from 0.55 crown to 0.60 crown per kilo, and the excise tax from 0.40 crown to 0.45 crown per kilo.

Pharmaceuticals:—Switzerland has ruled that pharmaceutical products, perfumery and cosmetics which contain alcohol or are manufactured with alcohol, in so far as they are not suitable for use as a food or to serve as a beverage, are subject upon importation to the following monopoly duties per 100 kilos, gross weight:—Products containing less than 20 degrees of alcohol, 50 francs; from 20 to 75 degrees, 200 francs; and containing more than 75 degrees, 200 francs.

Pharmaceutical Specialties:—A Uruguayan decree provides for control of retail sales price of pharmaceutical specialties and dietetic products.

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Oilseeds Tax Cut Argued at Hearing

OPD Washington Bureau
January 21, 1938

Spokesmen for industries affected by excise taxes appeared before the house ways and means committee today to endorse recommendations of the subcommittee on tax revision that various excises be repealed or modified, and also to ask the repeal of others as an aid to business.

John B. Gordon, secretary of the Bureau of Raw Materials for American Vegetable Oils and Fats Industries, supported the sub-committee's recommendation for reducing the import tax on five oilseeds, now 2 cents per pound, but asked that further reductions be made in these rates in order to permit the drying oils in the list to compete with linseed oil products from imported flaxseed. The subcommittee recommended the following rates per pound:—Hempseed, 1.12 cents; perillaseed, 1.31 cents; kapokseed, 0.73 cent; rapeseed, 1.51 cents; sesameseed, 1.05 cents. He declared that in order to adjust the rates in line with the flaxseed rate, the new rates on these seeds should be as follows:—Rapeseed, 1.23 cents; sesameseed, 1.125 cents; perillaseed, 1.31 cents; hempseed, 0.76 cent; kapokseed, 0.51 cent.

Mr. Gordon pointed out that the rates recommended by the sub-committee will place the import taxes on the seeds in line with the import taxes on the oils produced from them but will not permit the drying oils produced from hempseed and perillaseed to compete with imported flaxseed when consideration is given to the values of the different oils and oilcakes. He asked that seasameseed be given a rate that will permit it to be crushed in the United States since sesame oil is extensively used as a shortening in prepared flours. Further reduction in the rate of kapokseed was asked to permit it to compete on an equal basis with cottonseed oil. In justification of a further reduction in the rate on rapeseed, Mr. Gordon declared that rapeseed oil is an important ingredient of marine lubricating oils and that under the rate proposed by the sub-committee it could not be produced in this country at a price which would permit domestic lubricating oil

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Philippine Imports Tax Plan Studied

Changes in the Philippine independence act to provide a more gradual increase in the United States duties on products of the islands are being considered by the administration and probably will be a part of the report to be made shortly by the joint preparatory committee which has been investigating economic conditions in the Philippines.

The present law provides for Philippine taxes on exports to the United States beginning in 1941 and increasing annually to 1946, when they would remain at 75 percent of American import duties, and this preference of 25 percent would be continued in American tariff laws. One plan under discussion is to make the tax rise gradually until 1960, and thereafter Phillippine products would pay full United States duties.

Tariff Board Issues Data on Packaging

The United States Tariff Commission has issued an extensive report under the title, "Guide to Current Practices in the Packaging of Typical Commodities that Move in Domestic and International Trade." The material was gathered for use primarily by the commission, but the data, which deal with the descriptions of inner and outer containers, their sizes, volumes, and weights, will be of value for reference to shippers and carriers and others interested in the transportation and physical distribution of goods.

The information covered in this study is useful in the examination of the numerous interrelations of packaging factors and United States tariff provisions. The data will also be of use in interpreting the tariffs of foreign countries which assess duties on gross or net weight, make segregations by weight, or establish weight or packing limitations.

Numerous commodities are imported and exported in containers of heavier

—*Continued on page 52*

Walding, Kinnan & Marvin Company Observes Sixtieth Anniversary

The Walding, Kinnan & Marvin Company, wholesale druggists, Toledo, Ohio, affiliated with the Kiefer-Stewart Company, Indianapolis, observed its sixtieth anniversary at a dinner in the Toledo Club January 14. The guests of honor were William J. Christen, Louis P. Meissner and Harry C. Brigham, all of whom have been in the employ of the company for more than fifty years.

Harry C. Brigham

William J. Christen

Louis P. Meissner

The Walding, Kinnan & Marvin Company was the outgrowth of a company formed in 1877 under the name of Walding, Mackintosh & Co., the founders of which were W. J. Walding, J. C. Mackintosh, J. Bailey and J. S. Kinnan. In 1894 the present company was formed with the following officers:—President, W. J. Walding; vice-president, H. E. Marvin, and secretary-treasurer, J. S. Kinnan. In 1898 the company leased the building at 332 Summit street, where it is still located.

George S. Parke, present head of the company, assumed the presidency in 1924, succeeding R. H. Bradley, who had been president from 1919, at which time he succeeded W. J. Walding. In 1925 the stantial cigar department. Its line of merchandise was further augmented in 1936 by home appliances, at which time it was appointed a distributor for Fairbanks-Morse & Co.

William J. Christen, a foreman, is the oldest employee in the service of the company. He entered its employ April 17, 1886. L. P. Meissner, in charge of pharmaceutical stock, has also been associated with the company for fifty-two years, having joined it August 1, 1886. H. C. Brigham, a buyer of sundries for many years, has a record of fifty years of continuous service with the company. Edward P. Austin, with the company forty-four years, acted as toastmaster at the affair. The company has sixty-one employees in its service upward of ten years. Austin R. Waite is vice-president-treasurer, and Francis M. Allebach is secretary.

Compressed Gas Association Reviews Progress of Industry

Progress in the compressed gas manufacturing industries was reviewed at the twenty-fifth annual meeting of the Compresed Gas Manufacturers' Association, held January 17 and 18, in the Waldorf-Astoria hotel, this city. Sessions during the first day were devoted to the transaction of organization business, including the electing of officers for 1938. The second day was given over to the presentation of prepared papers.

Nation-Wide News Service

J.J. Crowe

New President, Compressed Gas Manufacturers' Association

The election for officers resulted as follows: President, John J. Crowe, of the Air Reduction Company, New York; vice-presidents, R. F. Lavedan, of the Liquid Carbonic Corporations, New York, and Dr. F. C. Zeisberg, of E. I. du Pont de Nemours & Co., Wilmington, Del.; secretary-treasurer (re-elected), F. R. Fetherson. An executive board of twenty-eight members also was elected.

Various phases of the compressed gas industries was presented during the Tuesday sessions. Frederick C. Mitchell, of E. I. du Pont de Nemours & Co., speaking on "The Explosive Ranges of Flammable Liquids," listed the following precautions to be exercised in handling those materials:—Control of the composition of vapors so as to avoid air mixtures within the explosive range; prevention of the material's reaching the ignition temperature; and provision for the dissipation of excessive heat to arrest propagation of flame.

A history of the anhydrous ammonia industry was given by Edmund Rowland, of the Henry Bower Chemical Manufacturing Company, Philadelphia. He stated that the commercial history of this gas started with mechanical refrigeration, previous demand not warranting production. Refrigeration continued to be the primary field until the discovery, in 1914, of Haber's ammonia process. This lowered production costs of anhydrous ammonia so that, he said, with the development of bulk transportation methods following the war, this chemical became available to the chemical industry as a general alkalinizing agent.

The sulphur dioxide and methyl chloride industries were discussed by Harvey V. Higley, of the Ansul Chemical Company, Marinette, Wis. He described the development of refrigerating systems employing these chemicals, enumerating their advantages and dis-

—*Continued on page 27*

Alcohol Denaturant SD-29 Changed

OPD Washington Bureau
January 19, 1938

A change in denatured alcohol regulations said to be of great importance to manufacturers of alcohol chemicals has been made by the Bureau of Internal Revenue.

The change is a revision in the formula for specially denatured alcohol No. 29, authorized for use in the production of aldehydes, chloroform, ethyl butyrate, ethyl chloride, ethyl lactate, ethyl propionate, ethyl valerate, and glacial acetic acid. Formerly this formula required denaturation with acetaldehyde, but the change permits the use of any chemical produced from ethyl alcohol on specific approval of the bureau.

This change is said to be important to manufacturing chemists who use catalytic processes and who found that the old formula frequently fouled their catalysts. The new regulation permits the use of the final product or of a by-product as a denaturant. The new formula No. 29, as set out in Treasury Decision No. 4790, is as follows:—

To every 100 gallons of ethyl alcohol of not less than 190° proof add:—

1 gallon of 100 percent acetaldehyde, or
5 gallons of an alcoholic solution of acetaldehyde containing not less than 20 percent acetaldehyde, or
5 parts by weight if solid, or volume if liquid, of any chemical produced from ethyl alcohol.

This formula is restricted to processes where the alcohol loses its identity as alcohol by being converted into other chemicals. Where it is desired to use any chemical produced from ethyl alcohol other than acetaldehyde as the denaturant for formula No. 29, the use of such chemical shall be subject to approval by the commissioner.

Ephedrin Synthesized By 3 German Firms

OPD Washington Bureau
January 19, 1938

Synthetic ephedrin is manufactured in Germany by three concerns—I. G. Farbenindustrie A. G., Verkaufsgemeinschaft Chemikalien, Frankfort-on-Main; E. Merck, Darmstadt; and Knoll A. G., Ludwigshafen.

The production of synthetic ephedrin is not a new development in Germany, according to information received by the Chemical Division of the Bureau of Foreign and Domestic Commerce from

—*Continued on page 42*

Mexico Raises Duty On Many Articles

OPD Washington Bureau
January 21, 1938

The Department of State and the Department of Commerce are carefully studying information received from Mexico today that the Mexican government has ordered greatly increased duties on a large number of products imported from this country and at the same time has ordered into effect a decision requiring American and other foreign oil companies operating in Mexico to pay greatly increased wages which the companies contend are confiscatory.

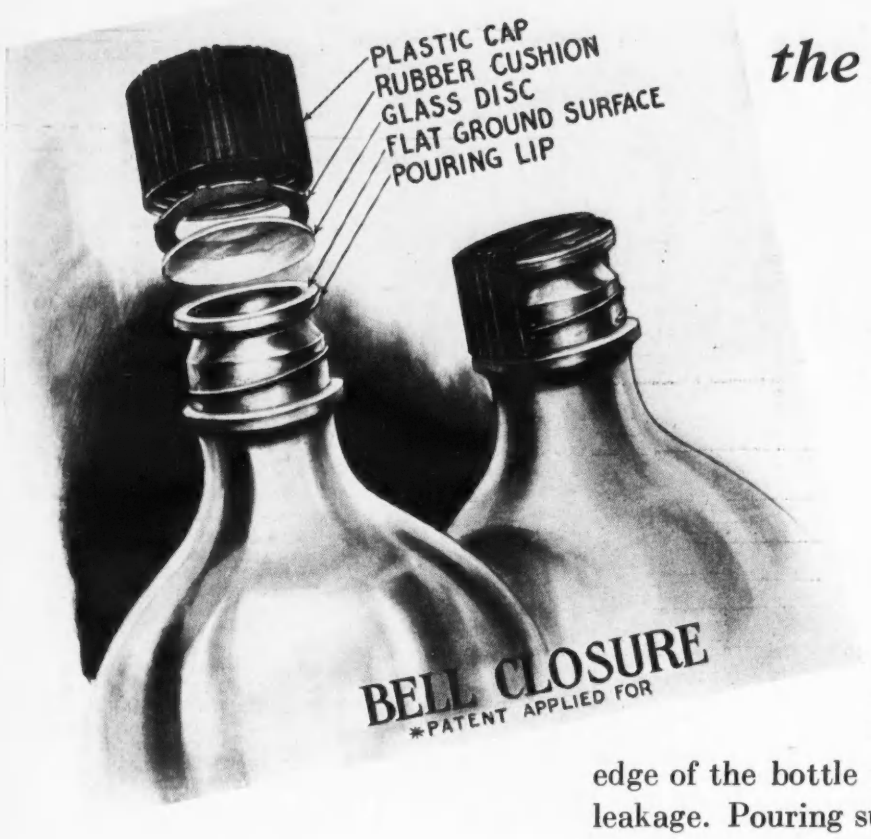
Detailed information on these two developments was not available today, but the American embassy in Mexico reported that it was sending complete reports by air mail. In the absence of these full reports there was no indication of whether the American government would enter any formal protests, although the attitude of officials suggested that they are deeply concerned over the future of American interests in Mexico.

A preliminary cablegram to the Department of Commerce lists the more important items subject to the new duties, among these are the following:—

	Pesos per kilo. New rate.	Old rate.
Acetylsalicylic acid	2.00	1.00
Alizarins, natural or synthetic	0.70	0.30
Copper, manufactures, up to 1 kilo	4.00	2.00
Drugs and pharmaceutical specialties	3.00	1.00
Dyes and colors of vegetable or coaltar origin	0.50	0.25
Lubricating oils	0.18	0.09
Medicinal substances—		
capsules	3.00	1.50
granules and pills	3.50	1.50
optherapic preparations for hypodermic use	3.00	1.50
solutions for hypodermic use, n.e.s.	6.00	4.00
Mixtures or preparations of metallic-organic origin for industrial use, n.e.s.	0.70	0.25
Paint or varnish with alcohol or ether base	1.00	0.60
prepared, n.e.s., weighing with container up to 5 kilos	1.00	0.60
weighing more than 5 kilos	0.70	0.40
Potash carbonate	0.30	0.10
Soda carbonate	0.30	0.10
Steel drums	0.15	0.08
Tanning extract, vegetable	0.15	0.08
Tin cans	0.25	0.12

—*Continued on page 28*

A MALLINCKRODT ACHIEVEMENT . .



the New BELL CLOSURE* for Acid Bottles

- LIQUID-TIGHT
- GAS-TIGHT
- DIRT-PROOF
- INTERCHANGEABLE

A turn of the cap brings the glass plate firmly down against the flatly ground edge of the bottle neck, making a seal which is proof against leakage. Pouring surfaces are kept free from paraffin, plaster and dirt, and the pouring flange prevents running back. When the rubber cushion is compressed by tightening the cap, it provides against accidental loosening of the closure

Bell Closure Is Gas-Tight As Well As Liquid-Tight.

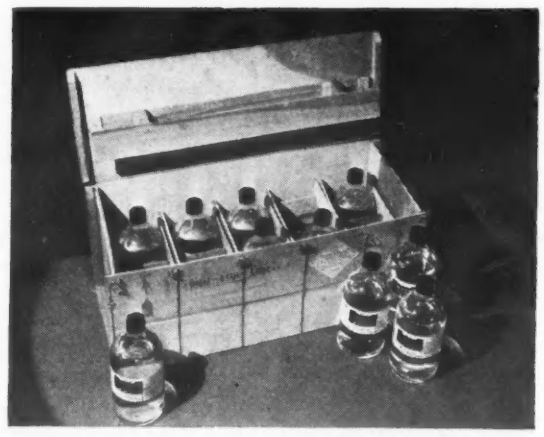
Litmus paper, sealed in a cellophane-enclosed space around the closures of acid and ammonia bottles, showed no color change after 14 days. In similar tests with glass-stoppered bottles, the litmus changed color in 15 to 30 minutes, showing definite leakage around the stopper.

Developed by Mallinckrodt Research

The Bell Closure has been developed by Mallinckrodt to do away with the annoyance of removing plaster and paraffin from bottle necks, the sticking of ground-glass stoppers, the danger of dirt dropping into bottles, and the loss to customers from broken or mislaid stoppers. The new closures are universally interchangeable—they fit any of the new bottles.

Specify cases of Mallinckrodt acids and ammonia in bottles equipped with the new leak-proof, dirt-proof Bell Closures. There is no extra charge, and bottles are returnable for credit as usual.

The newly designed shipping case is 14 pounds lighter.



A Turn of the Cap—*It's Open* **A Turn of the Cap—*It's Sealed***

Send for New Complete Catalog of Analytical Reagents and Laboratory Chemicals.

ST. LOUIS
CHICAGO
PHILADELPHIA

Mallinckrodt
CHEMICAL WORKS

NEW YORK
MONTREAL
TORONTO

Current Market Quotations

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When not otherwise indicated, quotations are f. o. b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works.....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works...lb. .43 - —
smaller lots, works.....lb. .48 - 1.00
tech., kegs, c.l., works.....lb. .22 - —
l.c.l., 1,000 lbs., works...lb. .38 - —
smaller lots, works.....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, bbls., 2,000 lbs.....lb. .30 - —
smaller lots.....lb. .31 - —
kegs, 2,000 lbs.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd. .....lb. .04¾- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.06 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg.....lb. 1.35 - —
smaller pkgs.....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....lb. .00¾- —
l.c.l. .....lb. .10 - —
Acetic, comil. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
syn., al. dms., c.l.100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls., c.l..100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls., c.l.....100 lbs. 3.66 - 3.91
cbys .....100 lbs. 4.16 - 4.41
60%, bbls., c.l.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls., c.l.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43
Acetic acid prices above apply deliv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.
Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11
l.c.l., dms., frt. alld.....lb. .12 - .12½
Acetylsalicylic, USP, bbls., 225 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Ascorbic, bots., dms.....oz. 3.35 - 3.60
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -120.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - 5.70
Capric, dms.....lb. .13¼- .13½
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Caster oil, split, dms.....lb. .17½- .18
Chlorosulphonic, dms., c.l., works..lb. .0650- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y., lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .24 - —
kegs .....lb. .24½- —
gran., bbls.....lb. .24 - —
kegs .....lb. .24½- —
powd., bbls.....lb. .24½- —
anhyd., gran., dms.....lb. .26½- —
powd., dms.....lb. .27 - —
Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls.....lb. .50 - —
Coconut oil, dist., dms.....lb. .10¼- .10¾
Cottonseed oil, dist., dms....lb. .0585- .0685
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .89 - —
l.c.l., same basis.....gal. .91 - —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled..gal. .92 - —
l.c.l., same basis.....gal. .94 - —
imported pale, 97-99, dms..gal. .90 - 1.06
special resin grade, dms., c.l., works..lb. .10¾- —
l.c.l., same basis.....lb. .11⅜- —
Crotonic, dms., works.....lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10¼- —
l.c.l., 25 and over..lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l...lb. .1185- —
l.c.l., 25 and over....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l. lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .60 - —
Gallic, tech., bbls.....lb. .75 - .79
N. F., VI, bbls, 200 lbs., 5 or more..lb. .87 - —
single bbls.....lb. .90 - —
fib. dms., 25 lbs.....lb. .96 - —
kgs., 100 lbs.....lb. .91 - —
Gamma, bbls..... ...lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% concd, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys.....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works. 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12½
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22¼
USP, X, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Laurent's, bbls..... .....lb. .45 - —
Linseed oil, dark or light, dms..lb. .1260- .1300
tanks .....lb. .1200- —
extra white, dms.....lb. .13¼- .13½
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 2.30 - —
fib. dms.....lb. 2.05 - 2.20
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit .....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls. .....lb. .18 - .19
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., U.S.P., dealers, cbys.lb. .08¾- —
6-lb. bots .....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots .....lb. .20 - —
Myristic, dms.....lb. .15¼- .16
white, redist., dms.....lb. .17 - .17½
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works.100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., U.S.P., dealers, cbys... lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .15 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, d. dist., dms.....lb. .0685- .0760
s. dist., dms.....lb. .0625- .0700
Perilla, dist., dms.....lb. .17 - .17½
Phenylacetic, bots.....lb. 1.85 - 2.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys. .....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs. .....lb. .15 - —
50% s.g., 1347, cbys., 70 lbs., lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls. .....lb. .35 - —
Pro... ...cbys works lb. 28 Nom.
dms., works .....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works .....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.65
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .38 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls. .....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09½
Stearic, distil., double pressed. bgs., dlvd..lb. .11 - .12
single pressed, bgs., dlvd.lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13¾- .14¾
saponif., double pressed, bgs., dlvd..lb. .11¼- .12¼
triple pressed, bgs., dlvd.lb. .14 - .16
Succinic, bbls. .....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98%, tanks, works.....ton.17.50 - —
C.P., U.S.P., dealers, cbys.. lb. .06½- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.lb. .88 - —
100-lb. lots.....lb. .90 - —
25-lb. lots.....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots.....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .24¼- —
smaller quantities.....lb. .24⅝- —
kgs. .....lb. .25¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. No prices
tech., kgs. .....lb. No prices
Aconite, leaves, bls.....lb. .30 - .32
Root, bls.....lb. .35 - .36
Aconitine, amorph., bots.....oz.17.00 -18.00
vls. .....gr. .08 - .09
cryst., bots.....oz.30.00 - —
vls. .....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17¼- .19
hyd., dms.....lb. .16 - .18
Agar, 1, bls.....lb. 1.00 - 1.05
2, bls.....lb. .95 - 1.00
3, bls.....lb. .68 - .70
Agaric, white, bls.....lb. 3.20 - 3.25
Albumen, blood, dark, flake, bgs. c.l., f.o.b. Chicago, frt. alld.lb. .11 - —
l.c.l., bgs., same basis..lb. .13 - .15
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, Chicago....lb. .18 - —
light, dom., flake, dms., Chicago..lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., drums.....lb.1.10-1.15 Nom.
import, cs.....lb. .85 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .123 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .128 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08¼- —
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10¼- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
comL, dms.....lb. .95 - —

Acacia—Alum

Alcohol, cetyl, import, 85%, dms. 100 lbs. .55 - —
5 to 10 lbs.....lb. .75 - —
comL, dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E..gal. .35 - —
l.c.l., works, dms., dealer and industrial accounts. gal. .40 - —
jobber accounts...gal. .38 - —
tanks, E., works.....gal. .29 - —
Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
19 bbls., E. works...gal. .36 - —
1 to 18 bbls., E. works, gal. .39 - —
dms., c.l., E. works....gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms., E. works, gal. .38 - —
tanks, E. works.....gal. .27 - —
Anhydrous, 5c. per gal. higher.
SD23-G, works, E., dms., c.l., gal. .87½- —
19 dms.....gal. .39½- —
1 to 18 dms.....gal. .42½- —
tanks .....gal. .31½- —
Prices for territories other than E. of Rockies, 3c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .34 - —
20 dms., E. works...gal. .36 - —
1 to 19 dms., E. works, gal. .39 - —
tanks, E. works.....gal. .28 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tech., contract, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11 - —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.13 - —
19 bbls.....gal. 4.15 - —
1 to 18 bbls.....gal. 4.18 - —
dms., c.l.....gal. 4.12 - —
19 dms.....gal. 4.14 - —
1 to 18 dms.....gal. 4.17 - —
tanks .....gal. 4.06 - —
absolute, dms., c.l.....gal. 4.42 - —
19 dms.....gal. 4.44 - —
1 to 18 dms.....gal. 4.47 - —
Grain alcohol 45c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .10 - —
l.c.l., same terms.....lb. .13¼- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08¼- —
Isopropyl, refd., 91% dms., c.l., f.o.b. dest..gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms....gal. .31 - —
98%, dms., c.l., same terms, gal. .41 - —
l.c.l., same terms....gal. .46 - —
tanks, same terms....gal. .36 - —
tech., 91%, dms., c.l., same terms...gal. .33½- —
l.c.l., same terms....gal. .38½- —
tanks, same terms....gal. .28½- —
98%, dms., c.l., same terms, gal. .37½- —
l.c.l., same terms....gal. .42½- —
tanks, same terms....gal. .32½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .45 - .50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. No stocks
Curacao, cs.....lb. .55 - .56
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .60 - .63
Aloin, 140-lb. bbls.....lb. 2.00 - —
100-lb. kegs.....lb. 2.02 - —
25-lb. fib. dms.....lb. 2.00 - —
Alphanaphthol, bbls.....lb. .53 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.00 - 3.05
divd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
divd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
divd. N.Y., Phila...100 lbs. 3.55 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; divd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works, 100 lbs. 3.25 - 3.50
divd. N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.50 - 3.75
divd. N.Y., Phila...100 lbs. 3.65 - —

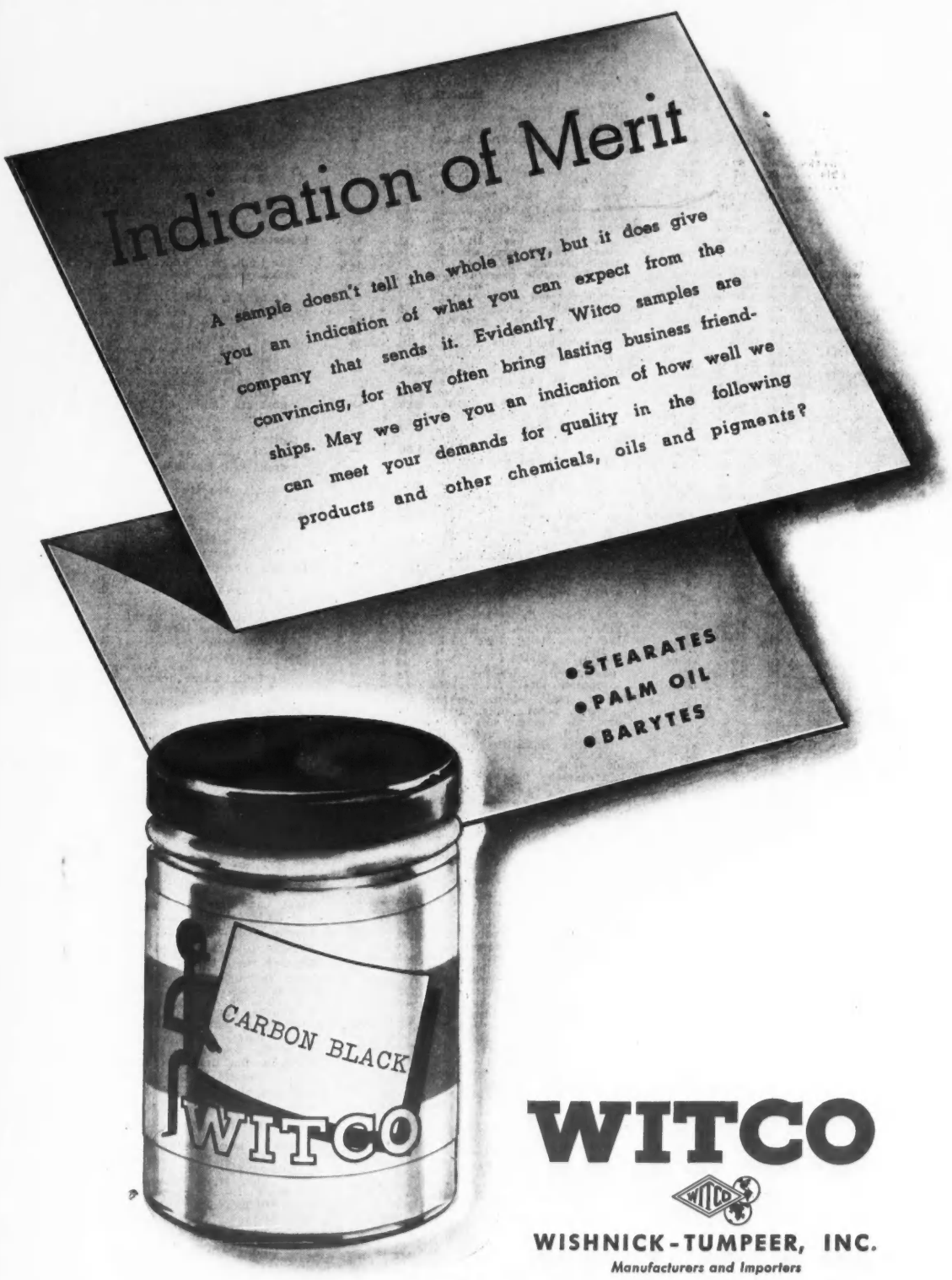
Alum—Amyl Acetate

Alum, potash, powd., bbls., works, 100 lbs. 3.63 - 3.90
dlvd. N.Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Alum, potash-chrome, bbls....lb. .06½- .06¾
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, C.P. 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.35 - —
l.c.l., works, frt. equaid.. 100 lbs. 1.60 - —

Alumina, sulphate, comm'l, bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works... 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
truckloads, bgs.....100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .20 - —
l.c.l. .....lb. .21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss..lb. .63 - —
5,000 lbs., same basis..lb. .64 - —
1,500 lbs., single shipt., same basis..lb. .65 - —
On 1,500-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 1,500-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.

Aluminum, paste, ink, dms., 30,000 lbs. same basis..lb. .73 - —
6,000 lbs., same basis...lb. .74 - —
1,500 lbs., single shipt., same basis..lb. .75 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .41 - —
5,000 lbs., same basis...lb. .42 - —
1,500 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb. .90 - —
5,000 lbs., same basis..lb. .91 - —
1,500 lbs., single shipt., same basis..lb. .92 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .55 - —
5,000 lbs., same basis..lb. .56 - —
1,500 lbs., single shipt., same basis..lb. .57 - —
split shipts. (see note fine lining paste).
litho, extra brilliant, dms., 30,000 lbs., same basis. lb. .41 - —
5,000 lbs., same basis.lb. .42 - —
1,500 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45 - —
5,000 lbs., same basis..lb. .46 - —
1,500 lbs., single shipt., same basis..lb. .47 - —
split shipts. (see note fine lining paste).

Aluminum, powd., litho, standard dms., 30,000 lbs., same basis..lb. .40 - —
5,000 lbs., same basis..lb. .41 - —
1,500 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
wallpaper, dms., 30,000 lbs., same basis..lb. .41 - —
5,000 lbs., same basis..lb. .42 - —
1,500 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
rubber comp., dms., 30,000 lbs., same basis..lb. .38 - —
5,000 lbs., same basis..lb. .39 - —
1,500 lbs., single shipt., same basis..lb. .40 - —
split shipts (see note fine lining paste).
unpolished, dms., 30,000 lbs., same basis..lb. .35 - —
5,000 lbs., same basis..lb. .36 - —
1,500 lbs., single shipt., same basis..lb. .37 - —
split shipts. (see note fine lining paste).
varnish, extra brilliant, dms., 30,000 lbs., same basis.lb. .41 - —
5,000 lbs., same basis..lb. .42 - —
1,500 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45 - —
5,000 lbs., same basis..lb. .45 - —
1,500 lbs., single shipt., same basis..lb. .47 - —
split shipt. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .40 - —
5,000 lbs., same basis.lb. .41 - —
1,500 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
Ambergris, gray, tins.....oz.17.00 -36.00
Aminopyrine, fib., dms., 100 lbs., lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.26
Ammonia, acetate, kgs.....lb. .26 - .33
Aldehyde, dms. .....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.). works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¾- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05½
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, caks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal).
U.S.P., gran., bbls.....lb. .11 - .16
kgs. .....lb. .15 - —
Citrate, dms. .....lb. .80 - —
cns. .....lb, .85 - —
Fluoride, bbls. .....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, fib., dms....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —
Laurate, bbls, ...lb. .23 - —
Linoleate, 80%, anhyd., bbls.lb. .15 - —
Naphthenate, bbls. .....lb. .17 - —
Nitrate, tech., bags, c.l., works, 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms. .....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - —
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 18% phos., bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .15 - —
Salicylate, U.S.P., kgs.....lb, 1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 6 mos., Jan.-June.ton.28.50 - —
Ammonia sulphate contracts any 1-5 mos., through June, 1938, $1 per ton additional; spot prices $1 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.
Sulphide, liquid, 35-40%, basis 100%, dms,, works..lb. .12 - .15
tanks, delvd. .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs. .....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom,, bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, works..100 lbs. 5.00 - 5.05
import, csks. .....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt., alld.....lb, .12 - —
tanks, works .....lb. .10½- —
ex pentane, dms., frt. alld.lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms.. c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —


Indication of Merit
A sample doesn't tell the whole story, but it does give you an indication of what you can expect from the company that sends it. Evidently Witco samples are convincing, for they often bring lasting business friendships. May we give you an indication of how well we can meet your demands for quality in the following products and other chemicals, oils and pigments?
•STEARATES
•PALM OIL
•BARYTES
CARBON BLACK
WITCO

WITCO

WISHNICK-TUMPEER, INC.

Manufacturers and Importers

New York . . . . . 295 Madison Avenue
Boston . . . . . 141 Milk Street
Chicago . . . . . Tribune Tower
Cleveland . . . . 616 St. Clair Ave., N. E.

Witco Ltd., Bush House, London, W. C. 2, England

Witco Affiliates:
Witco Oil & Gas Company • The Pioneer Asphalt Company • The Panhandle Carbon Company

BUY DIRECT AND PROFIT DIRECTLY

Amyl, Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. 6.56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.30 - 1.35
Angelica root, dom., bls.....lb. .30 - .31
import, natural, bls.....lb. .26 - .27
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .40 - .45
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½ - —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .11¾- .12¼
Star, bgs.....lb. .14½- .15
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 - —
Needle, powd., bbls.....lb. .14 - .16
Oxide, bbls., c.l.....lb. .13½- —
l.c.l. .....lb. .14 - —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .12½- .15¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos.32.00 -34.00
Arnica flowers, bls.....lb. .30 - .35
Root, bls.....lb. .45 - .46
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .55 - .75
Asbestine (see Talc, N. Y. fibreus).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines—ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines—ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery...gal. .06 - —
Wyo., refinery.....gal. .07¼- —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.80 - —

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .22 - .25
Tree bark, bls.....lb. .10 - .11
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works..ton.44.00 - —
99%, 200 mesh, bgs., c.l., works..ton.47.00 - —
precip., bgs., c.l., works..ton.52.50 - —
bbls., works.....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works.....ton.62.50 - —
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
Barium chloride, tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
Barium, chloride, tech., dom., cryst., bbls., same basis, t.s..ton.29.50 Nom.
l.c.l., bgs., same basis, ton.79.00 - —
bbls., same basis..ton.90.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., dlvd., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., same basis...ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks. .....lb. .07 - .08¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.98 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95,75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 Nom.
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton.11.00 - —
325 mesh, bgs., Wyo. works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.20 @ 3.50
Berberine bisulphate, cns.....lb.16.75 - —
Hydrochloride, cns.....lb.16.75 - —
Sulphate, cns.....lb.16.75 - —
Berberis root, bls.....lb. .15 - .16
Betanaphthol, sublm., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .20 - .22
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms. .....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms. .....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib. dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthel, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E. lb. .12½- —
l.c.l., frt. alld, E.....lb. .13 - —
Black, bone, 2, bbls., bgs., c.l., frt. alld E..lb. .10½- —
l.c.l., frt. alld, E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld, E.....lb. .10 - —
4, bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld, E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld, E.....lb. .08 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt, alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .05 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¾- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in N. A. (water freights extra). lb. .0270- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .03 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0315- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0330- —
D (Ill., Ia., Wis.)..lb. .0315- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0330- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0360- —
G (Mexico) .....lb. .0380- —
l.c.l., f.o.b. whse.....lb. .05¾- —
Bulk, tanks, same price as bags in each zone.
ctns., l.c.l., ex-whse.....lb. .06¼- —
cs., l.c.l., ex-whse.....lb. .07 - —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns. ,c.l., works, lb.. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .06 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw, root bark, bls.....lb. .33 - .35
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls...lb. .15 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l. same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.15 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.35 - —
import, bgs. c.i.f. ports, Jan. shipt., unit-ton. 3.45 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Celestial, bbls. .....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls, f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Blue, tungstated, peacock, kegs.. lb. 4.00 - —
Victoria, kegs.....lb. 3.85 - —
Ultramarine, dry, jobbing, bbls., works, frt. equld..lb. .11 - —
regular 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis..lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.35 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.03
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
16-25 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.85 - —
3-5 bbls., same basis, 100 lbs. 5.10 - —
1-2 bbls., same basis. 100 lbs. 5.25 - —
monohydrated, dms., c.l. dealers..lb. .09 - .10
l.c.l., dealers.....lb. .09¼- .10¼
Bluestone (see Blue vitriol)
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.26.00 -29.00
c.i.f. Atlantic ports...ton.30.00 - —
import, bgs., c.i.f., ports.ton.28.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.19.00 -21.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.23.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton.13.00 -19.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.21.50 - —
Borage flowers, bls.....lb. .30 - .31
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.52.00 - —
l.c.l., ex whse.....ton.61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton.42.00 - —
l.c.l., ex whse.....ton.51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton.57.00 - —
l.c.l., ex whse.....ton.66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton.47.00 - —
l.c.l., ex whse.....ton.56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, U.S.P., bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see Al).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12½- —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works....lb. .0310- —
Sienna, burnt, American, bbls., works..lb. .06 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis....lb. .11½- —
3, bbls., same basis....lb. .10½- —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .08½- —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07½- —
9, bbls., same basis....lb. .07½- —
10, bbls., same basis....lb. .06½- —
11, bbls., same basis....lb. .06½- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02½- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10½- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07½- —
8, bbls., same basis....lb. .07½- —
9, bbls., same basis....lb. .06½- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —
Umber, American, bbls. works. lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04½- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04½- —
ex whse, Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle. lb. .04¾- —
Minneapolis .....lb. .0455- —
Pittsburgh .....lb. .04¼- —

A Guaranty of MERCK *Purity & Reliability*

Acetanilid
Acetophenetidin
Acid Acetylsalicylic
Acid Salicylic
Aconitine
Aloin
Aminopyrine
Ammonium Bromide
Ammonium Carbonate
Ammonium Chloride
Antipyrine
Atropine
Barbital
Barbital Sodium
Benzocaine
Bismuth Salts
Caffeine
Caffeine Citrated
Calomel
Camphor Monobromated
Chlorobutanol
Chlorthymol
Cinchona Alkaloids Mixed
Cinchonidine & Salts
Cinchonine & Salts
Cocaine Hydrochloride
Codeine Phosphate
Codeine Sulfate
Creosote
Creosote Beechwood
Creosote Carbonate
Dextrose
Dionin

MERCK CHEMICALS
for use in Cold Remedies and other Seasonal PREPARATIONS

THROUGHOUT each manufacturing operation continual vigilance and accurate testing control the uniformity of Merck Chemicals in accordance with definite standards of purity.

Adequate stocks are available at convenient shipping points. Prices and detailed information will be furnished on request.

Ephedrine Alkaloid
Ephedrine Hydrochloride
Ephedrine Sulfate
Euquinine
Guaiacol (liquid)
Guaiacol Carbonate
Hexamethylenamine
Menthol
Methyl Salicylate
Milk Sugar
Morphine Sulfate
Neocinchophen
Papaverine
Phenobarbital
Phenobarbital Sodium
Phenolphthalein
Podophyllin
Potassium Bromide
Potassium Citrate
Potassium Guaiacol Sulfonate
Potassium Iodide
Quinine Bisulfate
Quinine Hydrochloride
Quinine Sulfate
Other Quinine Salts
Salol
Silver Nucleinate
Sodium Bromide
Sodium Citrate
Sodium Salicylate
Strontium Bromide
Strychnine Sulfate
Strychnine Nitrate
Terpin Hydrate
Theobromine
Theophylline

MERCK & CO. INC. *Manufacturing Chemists* RAHWAY, N. J.

NEW YORK • PHILADELPHIA • ST. LOUIS • IN CANADA: MERCK & CO. LTD., MONTREAL AND TORONTO

Brown, Vandyke, bbls., l.c.l....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .45 - .46
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import, stands.....lb. .15 - .16
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .08 - .09
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld..lb. .10½- —
tanks, contract, frt. alld..lb. .09 - —
Secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol):—
Aldehyde, dms., l.c.l.....lb. .16½- .17½
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.71 - —
25 lbs., works.....lb. 1.76 - —
5 lbs., works.....lb. 1.91 - —
Iodide, bots.....lb. 4.16 - 4.21
Jars.....lb. 4.02 - —
Lithopone (see Yellow).
Metal, cs.....lb. 1.35 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.53 - —
10-lb. cns., 10,000 lbs., or more..lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more. lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs.....lb. .45 - .50
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd.100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- —
W. of Rockies, bgs., dms., lb. .06¾- .07
l.c.l., dealers.....lb. .07¼- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, paper bgs., c.l., dlvd..ton.23.00 -36.00
burlap bgs., dms., c.l., dlvd. ton.23.50 -36.50
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.78 - 2.43
liquor, basis 40%, tanks, works. ton. 7.50 - —
solid, dom., 73-75%, bgs, dms., c.l., dlvd..ton.21.50 -34.50
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.68 - 2.33
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms.....lb. .55 - .57
cns.....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP., bbls., 200 lbs..lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex vessels, Camden, N. J., or f.o.b. cars, So. Atlantic ports. ton.28.00 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .78 - —
tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l...lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 75% CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l., works.....ton.56.00 - —
83/85 CaS, c.l., works....ton.58.00 - —
l.c.l., works.....lb.64.00 - —
luminous, dom., tins, works. 100 lbs. .75 - —
Sulphocarbolate, bbls., 200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .38 - .39
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.38 - —
Camphor, natural, powd., cs....lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .60 - .61
synthetic, dmo., imp., gran., powd., bbls., 2,000 lbs.lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canaua seed, Argentine, bgs..lb. .04¾- .05
Morocco, bgs.....lb. .04¾- .05
Turkish, bgs.....lb. .04¾- .05
Canella alba bark, bls.....lb. .37 - .38
Cantharides, Chinese, cs.....lb. .70 - .75
powd., bxs.....lb. .95 - 1.00
Russian, cs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.60 - 1.65
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .07½- .07¾
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works.....lb. .89 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.lb. .85 - —
98.5-99%, dms., ton lots, works. lb. .75 - —
smaller quantities, works.lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, butyl, secondary, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tank s. same basis.....lb. .05 - —
Fire extinguisher liquid, 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.65 - 1.90
decorticated, cs.....lb. 1.25 - 1.30
green, bgs.....lb. .80 - .85
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .11½- .12
Case-hardening mixture, 45%, gran., dms., l.c.l..lb. .11⅞- —
lump, dms., l.c.l.....lb. .10⅞- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .10 - .10½
5 tons, works.....lb. .11¾- —
smaller lots, works.....lb. .12½- —
80-100 mesh, bgs., c.l., dlvd, works.....lb. .10½- .11
5 tons, works.....lb. .12 - —
smaller lots, works.....lb. .13 - —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .11¾- —
80-100 mesh, bgs., c.l., duty pd..lb. .12¼- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .15 - .15½
3, bls.....lb. .09½- .10
short stick, bls.....lb. .12 - .12¼
China, rolls, select, cs.....lb. .07 - .07¼
broken, extra bls.....lb. .04¾- .05
Saigon, bls.....lb. .15½- .16
Cassia buds, cs.....lb. .18 - .20
Cassia fistula, bskts.....lb. .09 - .10
Castile soap, white, bars., cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton. No prices
import, bgs., c.l.f., ports, shipment..ton.21.00 - —
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .15 - .15½
Indian, bgs.....lb. .13½- .14
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Cellulose, acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls., (4 bgs), 5 tons, dlvd. N. Y..bbl. 6.50 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .24 - .25
Roman, bls.....lb. .28 - .30
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo.....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis...ton.25.00 - —
Indiana.....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan.....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah.....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
99.75%, 200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works. ton.12.50- —
Import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock. ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald..100 lbs. 2.30 - —
tanks, multiple unit, 2, works, frt. equald..100 lbs. 2.55 - —
1, works, frt. equald. 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms..lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chrome).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.f.c. cbys.....lb. 1.40 - 1.45
Cinnamon, Ceylon, 2, bls.....lb. .16¾- .17
3, bls.....lb. .16 - .16½
Citral, bots., cns.....lb. 1.60 - 3.95
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .15 - .15½
Zanzibar, bls.....lb. .15½- .16
Clover tops, bgs.....lb. .14 - .15
Coaltar, coal-gas., crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works....dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd..lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.36 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lumps, bgs., c.l..lb. .14 - .14½
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .28 - .30
Colombo root, bls.....lb. .13 - .14
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns....lb. .27 - .28
S.A., U.S.P., cns.....lb. .29 - .30
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .15¾- .16¾
18-20%, bbls.....lb. .10¼- —
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal electrolysis.....lb. .10¼- .10½
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .14¾- .15¼
smaller lots, works.....lb. .15⅞- —
red, com'l, 50-75%, kgs, f.o.b. N.Y..lb. .16¼- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0245- .0250
Coriander seed, Morocco, bgs..lb. .06¾- .06½
bleached, bgs.....lb. .07½- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.20 - —
ex whse.....100 lbs. 3.30 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.16 - —
43°, bbls., c.l. .....100 lbs. 3.21 - —
Cornsilk, bls.....lb. .06½- .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.30 - —
gran., powd., dms., 50 lbs. or more..lb. 1.05 - —
Cottonroot bark, bls.....lb. .13 - .14
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .24 - .25
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .18 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .19¾- —
smaller lots, bbls.....lb. .20¼- —
kgs.....lb. .20¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote oil, crude, tanks, works, gal. .13¼- .14½
Coaltar solution, tanks, works, gal. .122 - .132
refd., bbls., c.l., works...gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —

Brown—Dogwood

Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .28 - —
2,000 lbs. to 10,000 lbs..lb. .29 - —
1,000 lbs. to 2,000 lbs..lb. .31 - —
200 lbs. to 1,000 lbs.....lb. .33 - —
4% rotenone prices are 4½c. per lb. less.
Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .32 - .33
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .18 - .20
Cumin seed, Algerian, bgs....lb. .09 - .09½
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .09¼- .09½
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .19 - .20
Deertongue leaves, bls.....lb. .11 - .12
Degras, common, dom., bbls...lb. .07¾- .08¼
English, bbls.....lb. .07¾- .08¼
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .39 - —
2,000 lbs., to 10,000 lbs..lb. .40 - —
1,000 lbs., to 2,000 lbs..lb. .41½- —
200 lbs., to 1,000 lbs..lb. .43 - —
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Dextrin, British gum, c.l. f.o.b. Chicago..100 lbs. 3.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.00 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.55 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
Potato, import, bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .715 - —
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works. lb. .55 - —
Dibutyl phthalate, dms., l.c.l..lb. .21 - —
Tartrate, dom., dms.....lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l.....lb. .19½- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylaniliu, dms.....lb. .40 - .50
Diethyleneglycol, dms., c.l., works. lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms, c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethylene oxide, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, works.....lb. .19 - —
Digitalis, leaves, dms.....lb. .65 - .70
Diglycol oleate, light, bbls....lb. .21 - .24
Dillseed, recleaned, bgs.....lb. .07¼- .07¾
Dimethyl phthalate, dms., l.c.l. lb. .19 - —
Dimethylaniliu, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .13½- .14
Dinitrononaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms, 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, perfume grade, cns.....lb. .50 - .55
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots .....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment.....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08

Dover's Powd.—Gum, Copal

Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .85 - .90
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
168 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
320 Direct cast scarlet.....lb. 2.00 - 2.25
324 Paper yellow.....lb. .83 - .90
383 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
882 Direct scarlet B.....lb. 1.50 - 1.75
887 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c., paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
837 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. .90 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchain .....gal.17.00 -18.00
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
788 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .23½- .24
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import. cs.....lb. .65 - .68 Nom.
Elder flowers, bright, bls.....lb. .25 - .26
dark, bls.....lb. .23 - .24
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .55 - .60
Emetine hydrochloride, bots...oz.17.00 -18.00
Ephedra, bls.....lb. No offers
Ephedrine, tins, 100 ozs.....oz. 5.50 - —
Hydrochloride, tins, 100 ozs..oz. 4.40 - —
Sulphate, cryst., tins, 100 ozs.oz. 4.40 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs. 1 withdrawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.50 - 1.60
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.28.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .13 - .14
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l. works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .06½- —
l.c.l., frt. alld.....lb. .07 - —
tanks, frt. alld.....lb. .05½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Ethyl, acetoacetate, dms., c.l., works..lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, dms., works.....lb. 1.90 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 4.85 - 4.96
Lactate, 55-gal dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .80 - .84
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .65 - —
100 lbs., frt. alld.....lb. .70 - —
smaller lots, works.....lb. .75 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lm. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms.....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinaniilin, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .58 - .60
Eucalyptus leaves, bls.....lb. .08 - .09
Eugenol, bgs., cns.....lb. 2.10 - 2.55
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07½- .08
Indian, bags.....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04 - .04½
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .14½- —
smaller lots, E. works. lb. .15 - —
light, cs., 1,000 lbs. or over, works..lb. .15 - —
smaller lots, E. works.lb. .15 - —
Film scrap, water white, cs., 1,000 lbs. or over, E. works. lb. .16 - —
smaller lots, E. works.lb. .17 - —
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal.17.00 -18.00
Oregon, bbls.....gal. 1.35 - 1.40
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Baito..ton.53.50 -54.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts..unit-ton. No prices.
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Jan.-Feb. shipt., ton.47.00 -47.50
spot .....ton.46.50 -48.00
Flake white, bbls., kgs.....lb. .08½- .08¾
Fleaseed, French, black, bgs..lb. .09½- .10
Indian, blonde, bgs.....lb. .09½- .10
Fluorspar, enamel, 96-98%, bgs.. ton.33.00 - —
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.20.00 -21.50
Fluorspar, standard, import, bulk, Atlantic ports, duty-paid..ton.22.00 -23.50
lump, 85 and 5, dom., bulk, f.o.b. Ill., Ky., mines...ton.21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No prices.
Formaldehyde, bbls., c.l., works. lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works. lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .08¾- .09
Cubes, Singapore, bgs.....lb. .10½- —
Extract, bbls.....lb. .09½ Nom.
Gasoline at refinery:—
Bayonne, US motor, below 60 octane, tanks..gal. .07¼- —
60-65 octane, tanks....gal. .07½- .07¾
above 65 octane, tanks.gal. .07½- —
California, 54-58, tanks...gal. .07¼- .08¼
Gulf Coast, U.S. motor, bulk, gal. .06¼- —
60-62, 390 e.p., bulk, export, gal. .05¼- —
60-62, 400 e.p., bulk, export, gal. .05¼- —
64-66, 375 e.p., bulk, export, gal. .05¼- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .06¼- —
63-66 octane, tanks....gal. .06¾- .06
67-69 octane, tanks....gal. .06¼- .06¾
70-72 octane, tanks....gal. .06½- —
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .03¾- .04
third grade, tanks.....gal. .03¾- .04
63-68 octane, tanks...gal. .04½- .04¾
67-69 octane, tanks...gal. .04¼- .04½
70-72 octane, tanks...gal. .04¼- .04¾
natural, 12-lb. v. p., tanks, gal. .04¼- .04½
14-lb. v.p., tanks.....gal. .03¾- .04¼
18-lb. v.p., tanks.....gal. .03½- .03¾
22-lb. v.p., tanks.....gal. .03¼- .03¾
26-70 lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane, tanks.....gal. .05 - .05½
60 octane, tanks.....gal. .06½- .06¾
52-54, 450 e.p., naphtha, tanks..gal. .04¾- .04⅞
54-56, 400 e.p., strt., run, tanks..gal. .04¾- .04⅞
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .13 - .14
grd., bbls., bxs.....lb. .15 - .16
powd., bbls., bxs.....lb. .16 - .17
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs....lb. .13¼- .13½
Cochin, lemon, bgs.....lb. .13½- .14
Jamaica, bold, bgs.....lb. .15¼- .15¾
grinding, bright, bgs...lb. .14 - .14½
medium, bold, bgs.....lb. .14½- .15
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Sodа sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. .....lb. .13½- —
36/58, bgs., c.l., dlvd....lb. .13½- —
l.c.l., dlvd .....lb. .14 - —
58/82, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd. .....lb. .15 - —
82/108, bgs., c.l., dlvd....lb. .15 - —
l.c.l., dlvd. .....lb. .15½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15½- —
l.c.l., same basis.....lb. .16 - —
60/164,bgs.,c.l.,same basis.lb. .17 - —
l.c.l., same basis.....lb. .17½- —
67/192,bgs.,c.l.,same basis.lb. .18 - —
l.c.l., same basis.....lb. .18½- —
75/222, bgs., c.l., same basis, lb. .19 - —
l.c.l., same basis.....lb. .20 - —
83/251,bgs.,c.l.,same basis,lb. .20 - —
l.c.l., same basis.....lb. .21 - —
92/283,bgs.,c.l.,same basis.lb. .21 - —
l.c.l., same basis.....lb. .22 - —
102/315, bgs., c.l., same basis lb. .21½- —
l.c.l., same basis.....lb. .22½- —
113/347, bgs., c.l., same basis lb. .22½- —
l.c.l., same basis.....lb. .23½- —
Glue, hide, calcimine type, 125/379, bgs., c.l., same basis. lb. .23½- —
l.c.l., same basis.....lb. .24½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .17½- .18
dms., extra, c.l.....lb. .15½- —
l.c.l. .....lb. .16 - —
dynamite, dms., extra, c.l....lb. .15½- —
l.c.l. .....lb. .16 - —
saponification, basis 88%, dms., returnable, dlvd..lb. .10 - 10½
soaplye, basis 80%, dms., returnable, dlvd..lb. .09 - .09½
yellow, distilled, dms., extra, c.l. lb. .15¾- —
l.c.l. .....lb. .15¾- —
Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms. .....lb. .40 - —
Stearate, dms. .....lb. .27½- —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs..lb. .16½- .17
Golden seal root, bls.....lb. 3.65 - 3.70
powd., bxs.....lb. 3.80 - 3.85
Grains of paradise, bgs.....lb. .28 - .30
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .05¾- .05½
White, trcs.....lb. .07½- .07¾
Yellow, trcs.....lb. .05¾- .05½
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalised with Chicago.
reduced, C.P. color content up 5%, bbls., same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .18¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome, oxide, dom., pure,bbl. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Tungstated, brilliant, kgs...lb. 2.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06½- .10
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, flb, dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.20 - 1.25
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .11 - .11¼
white, sorts, 1, bgs.....lb. .24 - .25
2, bgs.....lb. .22 - .23
powd., bbls.....lb. .14 - .15
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs.....lb. .18 - .20
Camphor (see C)
Chicle, bgs.....lb. .55 - .60
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .44 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .31¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .18¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .15¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .15¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .13¾- —
8, light amber bold, bgs., c.l., same basis..lb. .13¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .10¼- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .06¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06 - —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —

Gum, copal, Congo, No. 14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale fingers, bgs., c.l., same basis..lb. .17¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .13¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¾- —
21, ordinary selected nubs, c.l., same basis..lb. .07½- —
22, small mixed nubs, bgs., c.l., same basis..lb. .07½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07½- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .15¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07 - —
26, pale bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05 - —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .05¾- —
dust.,bgs.,c.l.,same basis, lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¼- —
chips, bgs., c.l., same basis, lb. .04¼- —
dust,bgs.,c.l.,same basis.lb. .03¾- —
nubs, bgs.,c.l.,same basis.lb. .10 - —
Manila, Sceas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Loba A, bskts., c.l., same basis..lb. .12 - —
B,bskts.,c.l., same basis.lb. .11½- —
C,bskts.,c.l., same basis.lb. .11¼- —
CNE, bskts., c.l., same basis..lb. .07¾- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .07¾- —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts., c.l., same basis, lb. .06¾- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06¾- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis..lb. .08¾- —
MA, bskts., c.l., same basis, lb. .07¼- —
MB, bskts., c.l., same basis, lb. .06¾- —
WS, bskts., c.l., same basis, lb. .08¾- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07¾- —
chips, pale, bskts., c.l., same basis..lb. .08¼- —
small, bskts., c.l., same basis..lb. .07¾- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis..lb. .11¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16½- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips,bgs.c.l.,same basis...lb. .10¼- —
split, bgs., c.l., same basis. lb. .13⅞- —
nubs, bgs.,c.l., same basis.lb. .12⅞- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .25½- —
A/D, cs., c.l., same basis.lb. .20¾- —
A/E, cs., c.l., same basis.lb. .17¼- —
B, cs., c.l., same basis...lb. .24 - —
C, cs., c.l., same basis...lb. .20¾- —
D, cs., c.l., same basis...lb. .17½- —
dust., cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis...lb. .08¼- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore, 1, cs., c.l., same basis..lb. .19¾- —
2, cs., c.l., same basis....lb. .15¾- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .13½- —
dust., cs., c.l., same basis.lb. .06¾- —
seeds, cs., c.l., same basis.lb. .09½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., c.l., dlvd.....lb. .09 - —
l.c.l., dlvd, ...lb. .09¼- .09½
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .80 Nom.
powd., bbls.....lb. .85 Nom.
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms..lb. .27 - .30
XX, bbls., bxs., dms.....lb. .18 - .19
1, bbls., bxs., dms.....lb. .12 - .13
2, bbls., bxs., dms.....lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .13¾- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.00 - 2.10
Mastic, cs., c.l., same basis as copal..lb. .53 - .56
Myrrh, USP, cs.....lb. .36 - .37
Gum, olibanum, siftings, cs..lb. .07½- .18
tears, cs. .....lb. .13 - .34
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .25 - .26
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .23 - .24
sorts, bgs.....lb. .11 - .11¼
Taina, bgs. .....lb. .07½- .08
Thus, bbls.....280 lbs.13.50 -14.00
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2.35 - 2.40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 - 2.30
Flake, bgs.....lb. .50 - 1.00
Yucca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.16.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge,Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald, ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex deck....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.80
Hellebore,white,root,powd.,bbls.lb. .12 - .18
Helonias root, bls.....lb. .75 - .78
Hematine crystals, bbls.....lb. .18 - .84
Hemlock extract, 25% tan.,bbls.lb. .03 - .03½
Hempseed, Manchur, bgs.....lb. .06 - .06½
Henbane leaves, bls.....lb. .18 - .19
Henna leaves, bls.....lb. .07½- .09
powd., bbls, bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 96-100°., dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more, shipments, same basis, lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .18 - —
l.c.l., same terms.....lb. .18½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs .....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.35 - —
Hops, N. F., bls.....lb. .27 - .28
Horehound, bls... .....lb. .12 - .15
Hydrangea root, bls.....lb. .12 - .13
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofluramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .08¾- .04
100 vols., cbys.,E.of Miss.R.lb. .19½- .20
W. of Miss. R.....lb. .21 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.16.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.65 - —
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal. .90 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac pwd., bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .24 - .25
prime, bleached, bls.....lb. .19 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
IV, djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls., 500 lbs..lb. .07½- —
Iron, chloride, U.S.P. cryst. kgs., 100 lbs..lb. .08¾- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.97 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .87 - .88
bots. .....lb. .53 - —
Nitrate, coml., kgs.....lb. .02½- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .53 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.),
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
USP, cryst., bbls., 275 lbs. lb. .04½- —
dms.. 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
fib., dms. .....lb. .24½- —
kgs. .....lb. .26½- —
Iron-potash oxalate, bbls. ....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs. .....lb. .31 - —
fib., dms. .....lb. .24½- —
kgs. .....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .36 - .37
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w.,tanks.gal. .06¾- —
Gulf ports, p.w., bulk, export. gal. .05 - —
w.w., bulk..gal. .05½- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04½- .04⅝
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04½- .04⅝
42-44 w.w., tanks.....gal. .04½- .04⅝
Pennsylvania, 45 w.w., tanks. gal. .05½- .05⅝
46 w.w., tanks.....gal. .05⅝- .05¾
47 w.w., tanks.....gal. .05¾- .05⅞
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08¼- —
Chicago .....gal. .101 - —
Cincinnati .....gal. .13½- —
Denver .....gal. .11¾- —
Louisville .....gal. .10¾- —
Minneapolis .....gal. .10¼- —
New Orleans.....gal. .13 - —
New York.....gal. .09 - —
San Francisco.....gal. .11¼- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city tubs.....100 lbs. 9.25 - 9.50
Middlewestern, trcs....100 lbs. 9.10 - 9.20
Neutral, trcs.....100 lbs. 9.50 - 9.75
Western, choice, trcs...100 lbs. 9.15 - 9.25
Compound, trcs.....100 lbs. 9.75 -10.00
Larkspur seed, bgs.....lb. .35 - .40
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls.....lb. .50 - .55
Lead acetate, white, broken, bbls..lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs, dealers E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13 - —
l.c.l., bgs, dealers, E. of Rockies..lb. .13½- —
W. of Rockies.....lb. .13¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basis sulphate, bbls., c.l., dlvd.. E..lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd., E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¾- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars .....lb. 2.40 - —
Linoleate, pale, precip., dms. lb. .19 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5 lb. cont., f.o.b. works..lb. .22 - —

Gum, Copal—Lime

Lead, nitrate, bbls.....lb. .11 - .11½
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0765- —
other points.....lb. .0740- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, dlvd., Ala., etc..lb. .06½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., etc., tons) dlvd., Ala., etc..lb. .0790- —
other points....lb. .0765- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz, etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots dlvd., Ala., etc..lb. .08¾- —
Ariz. .....lb. .09¼- —
Colo. .....lb. .09 - —
other points.....lb. .08½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0815- —
other points.....lb. .0790- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 100-lb. kgs.....lb. .12 - —
Resinate, fused, 16% bbls....lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt., alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots.....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd., Ariz., etc.lb. .07¼- —
other points.....lb. .07 - —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06¼- —
l.c.l., dlvd. Ariz., etc...lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .11¾- —
dealers .....lb. .09¾- —
painters .....lb. .10¾- —
Lemon peel, bls.....lb. .10 - .11
Licorice extract, mass, cs....lb. .17 - .18
powd., bbls .....lb. .24 - .25
Root, bls. .....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton.11.50 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa..ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio .....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La. .....ton. 7.00 - —
Farnams, Mass. .....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn. .....ton. 8.00 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind. .....ton. 6.50 - —
Nowala, Ala. .....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va. ....ton. 6.25 - —
Riverton, Va. .....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis. ....ton. 7.00 - —
Sherwood, Wis. ....ton. 7.50 - —
Springfield, Mo. .....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo .....ton.10.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio .....ton. 8.00 - —
Eagle Mountain, Va...ton. 8.50 - —
Easton, La. .....ton. 9.00 - —
Farnams, Mass. .....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark. .....ton. 9.00 - —
Longview, Ala. .....ton. 9.00 - —
Louisville, Ky. .....ton.14.50 - —
Marble Cliff, Ohio....ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind. .....ton.12.50 - —
Mitchell, Ind. .....ton. 9.00 - —
Newala, Ala. .....ton. 9.00 - —
Pelham, Ala. .....ton. 9.00 - —
Petoisky, Mich. .....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 8.00 - —
Riverton, Va. .....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —

Lime—Oil, Apricot

Lime, spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Parnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer..gal. .16 - —
Zone 2, tanks, dealers....gal. .08½- —
l.c.l., dms.....gal. .11 - .15
Zone 3, tanks, dealers.....gal. .11½- —
l.c.l., dms.....gal. .14 - .18
Zone 4, tanks, dealers.....gal. .08 - —
l.c.l., dms.....gal. .13 - .14
Zone 5, tanks, dealers.....gal. .10½- —
l.c.l., dms.....gal. .13 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Allegancy; Tenn., east of Tenn. River. Zone 2: New England States, N. Y., N. J., Md., Dela., Va., and the eastern tier of Penna., and the eastern tier of W. Va., and N. C., the counties not in Zone 1. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. .70 - 6.30
Linden flowers, with leaves, bis.lb. .18 - .19
without leaves, bis.....lb. .20 - .21
Linseed cake, bgs., export....ton.35.00 - —
Meal, 32%, dom., bgs.....ton.45.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0665- —
other points.....lb. .0040- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07¼- —
other points .....lb. .06¾- —
smaller lots, dlvd. Ala., etc. lb. .07½- —
Ariz., etc. .....lb. .08 - —
Colo., etc. .....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
fib. dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Iodide, bots., 5 lbs.....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis..lb. .06¼- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis..lb. .06¾- —
ordinary, bgs., 20 tons, same basis..lb. .04¾- —
smaller lots, same basis..lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis..lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis..lb. .06¼- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis..lb. .06¾- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11¼
solid, bxs.....lb. .15 - .19
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.90 - 2.00
Lycopodium, cs.....lb. 1.30 - 1.35

M

Mace, Banda, cs.....lb. .52 - .54
Batavia, cs.....lb. .45 - .46
Siauw, 1, cs.....lb. .51 - .52
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia, calcined, tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila. .....lb. .25 - .30
1-lb. pkgs., same basis..lb. .35 - .40
light, bbls., same basis..lb. .20 - .25
1-lb. tins, same basis..lb. .30 - .35
USP, heavy, bbls., same basis lb. .25 - .30
1-lb. pkgs., same basis..lb. .35 - .40
special, bbls., same basis, lb. .22 - .27
Standard light, bbls., same basis..lb. .20 - .25
1-lb. tins, same basis...lb. .30 - .35
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .05¾- —
l.c.l. .....lb. .06½- —
bbls., c.l.....lb. .06¾- —
l.c.l. .....lb. .07½- —
kgs., c.l.....lb. .08½- —
l.c.l. .....lb. .09 - —
USP, Zone 1, bbls., c.l.....lb. .07¾- —
l.c.l. .....lb. .08½- —
kgs., c.l.....lb. .09½- —
l.c.l. .....lb. .10 - —

Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including dlvd. store-door.

Magnesia, chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls .....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95
Silicate (see Talc).
Silicofluoride, bbls. .....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
c.l..lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., import, bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b, Chewelah, Wash....ton.25.00 - —
Malva flowers, black, bls.....lb. .40 - .42
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .20 - .21
Manganese acetate, dms. .....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls. .....lb. .15 - .16
Carbonate, bbls .....lb. .21 - .22
Chloride, bbls. .....lb. .09 - —
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.60.50 - —
l,c.l., 5 tons, works..ton.60.50 - —
smaller lots, works..ton.74.50 - —
burlap bgs., c.l., works.ton.64.50 - —
l.c.l., 5 tons, works..ton.67.50 - —
smaller lots, works.ton,72.50 - —
paper bgs., c.l., works.ton.62.50 - —
l.c.l., 5 tons, works.ton.65.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots.....lb. 2.61 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs .....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52%, basis, bbls., c.l., Atl. ports..unit-ton. .45 - .47
Resinate, fused, 3½%, bbls...lb. .08¼- .08½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.25.00 -25.50
Manna flake, large, cs.....lb. .37 - .38
small, cs. .....lb. .20 - .22
Mannitol, pure, cryst., cs., works. lb. 1.45 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .17½- .18
Tunisan, bls. .....lb. .16¾- .17
Matico leaves, bls.....lb. .28 - .30
Menthol, U.S.P., natural, cs..lb. 3.15 - 3.25
synthetic, tech., cs.....lb. 2.25 - —
U.S.P., cs. .....lb. 3.00 - —
liquid, dms., 40 lbs. ....lb. 1.60 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .77 - —
25 lbs.....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs.....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs. lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
fib., dms., 100 lbs.....lb. 3.55 - —
yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.29 - —
USP, fib. dms., 50 lbs. or more..lb. 1.31 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3¾x3¾ in.pkg.14.25 -14.75
3¾x3¾ in.....pkg.15.50 -16.50
4x4 in.....pkg.18.50 -19.00
3¾x5½ in.....pkg.21.50 -22.00
3¾x5½ in.....pkg.23.50 -24.00
Silver, 3¾x3¾ in.....pkg. 2.25 - 2.35
Metanitroaniiin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenedaimine, kgs.....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .34 - —
tanks, frt. alld., E. of Rockies..gal. .28 - —
Methanol, denat., grade, prices on Pacific Coast are 4c. per gal. higher.
pure, nat'l or synth., dms., c.l., Zone 1, frt. all..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones. frt alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., dlvd..lb. .08 - .09
l.c.l., dms., dlvd.....lb. .08½- .09½
5-10-gal. cont., works....lb. .11½- .12½
tanks, dlvd.....lb. .07 - .08
tech., dms., c.l., dlvd.....lb. .07½- .08½
l.c.l., dms., dlvd.....lb. .08 - .09
5-10-gal. cont., works....lb. .11 - .12
tanks, dlvd.....lb. .06½- .07½
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, nat., dms., c.l., contracts, Zone 1..gal. .34½- —
2, ...gal. .37½- —
3, ...gal. .38½- —
4, ...lb. .40½- —
tanks, contracts, Zone 1.gal. .28½- —
2 .....gal. .31 - —
3 .....gal. .32 - —
4 .....gal. .32½- —

Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b, shipping point, freight allowed to destination; barrell packing, 2½c. per gal. more, in all brackets. The sale zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass,, Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis., Ala., Ark., Ga., Kans., La., Miss., Neb., N. D., S. C., S. D.; Zone 2, Col., Fla., Okla., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .42 - —
2, frt. alld. E. of Rockies, gal. .43 - —
3, Pacific Coast.....gal. .46 - —
l.c.l., Zone 1, frt. alld, E. of Rockies..gal. .44½- —
2, frt., alld. E. of Rockies..gal. .51 - —
3, Pacific Coast.....gal. .48½- —
Methyl acetone, synth., tanks, Zone 1, frt. alld. E. of Rockies.....gal. .36 - —
2, ft. alld. E. of Rockies, gal. .38½- —
3, Pacific Coast.....gal. .39½- —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me,, Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D,, Okla., S. C. and S. D.; Zone 3, Pacific Coast

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.70
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .30 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride prices are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices,

Cinnamate, bots. .....lb. 2.45 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .42
cns. .....lb. .42 - .45
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs. .....lb. 2.35 - —
Chloride, dms., f.o.b. works.lb, .18 - .22
Methylheptenone, bots. .....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylnaphtyl ketone, cryst., bots..lb. 3.25 - 3.30
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton,11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 -
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs., c.l., works.ton.35.00 - —
l.c.l. works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.50.00 -60.00
second grade, bgs., c.l., works..ton.28.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-ground, paint or lacquer, bgs., c.l., dlvd. E..lb. .04¼- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04¾- —
smaller lots, dlvd. E..lb. .05¼- —
paper, wall or coated bgs., c.l., frt. alld., E..lb. .04½- —
l.c.l., 1,000 lbs., frt. all., E..lb. .04⅝- —
smaller lots, frt. alld., E..lb. .05½- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., 1,000 lbs., ft., alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —
wet-ground mica prices are ½c. per pound higher on Pacific Coast
Milk powder, skimmed, roller, bbls., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
spray, bbls., c.l.....lb. .09 - —
l.c.l. .....lb. .10 - —
unskimmed, roller, bbls., c.l..lb. .20 - —
l.c.l. .....lb. .20½- —
spray, bbls., c.l.....lb. .20 - —
l.c.l. .....lb. .20½- —
Millet seed, yellow, bgs.....lb. .03 - .03½
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .07 - —
New Orleans.....gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molydenum metal, kgs., 99% powd..lb. No Prices.

Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniiin, dms.....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine .....lb. .75 - 1.00
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.20 - —
1 lb.....lb. 4.35 - —
ketone, cns., 100 lbs. or more, lb. 4.05 - —
5 lbs. to 75 lbs.....lb. 4.35 - —
1 lb.....lb. 4.50 - —
xylol, cns., 100 lbs. or more, lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.40 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .06 - .06½
California, brown, bgs.....lb. .07½- .07¾
yellow, bgs.....lb. No stocks.
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08¼- .08¾
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .08 - .08½
Hungarian, yellow, bgs....lb. .07¾- .07¾
Roumanian, yellow, bgs....lb. .05¾- .06¼
Myrobalans, J1 bgs., shipt..ton.29.50 - —
J2, bgs., shipt.....ton.22.50 - —
R2, bgs., shipt.....ton.22.00 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works.... 100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.85 - —
l.c.l., bgs., works.....100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.10 - —
78 deg., bgs., c.l., works.... 100 lbs. 3.10 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs, works.....100 lbs. 3.35 - —
bbls., works.....100 lbs. 3.60 - —
import, bgs., Atl. ports.... 100 lbs. 2.20 - 2.25
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis.. lb. .07½- —
pkgs. (16 oz.), same basis, lb. .08 - —
(12 oz.) same basis..pkg. .06¾- —
chipped, crushed, bbls., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .12 - .12½
single, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07¼- —
Nitrocellulose, alcohol-soluble, ⅛, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .23 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls. lb. .30 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.20 Nom.
Chemical, Ill....unit-ton. 2.25 - —
East Coast producing points..unit-ton. 2.50 - —
import., bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.55 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipmt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- .19¾
110s, bgs., cs. .....lb. .17¼- .17½
West Indian, bgs. .....lb. .12½- .13
Nux vomica, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., works....lb. .03¼- —
l.c.l., bbls., works.....lb. .03¼- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .13 - —
l.c.l., G.S.....gal. .15 - —
tanks, G.S.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.75
s.p.a., bots.....lb. 2.00 - 2.50
sweet, true, exp., cns.....lb. .61 - .62
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .62 - .63
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, U.S.P., cns., dms....lb. 1.10 - 1.15
Apricot kernel, cns.....lb. .30 - .31

Oil, babassu, tanks	lb.	.06⅞- .07
Bay, W. I., cns.	lb.	1.35 - 1.50
Bergamot, artif., cns.	lb.	1.25 - 1.30
natural, coppers	lb.	4.00 - 4.10
Betula (see Oil, sweet birch).		
Birch (see Oil, sweet birch).		
Birch tar, crude, dms.	lb.	.14 - .17
rectif'd, cns.	lb.	.65 - .70
Bois de rose, Brazil, cans.	lb.	1.55 - 1.60
Cayenne, cns.	lb.	1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).		
Cajeput, tech., dms.	lb.	.55 - .60
USP IX, cns.	lb.	.66 - .72
Calamus, cns.	lb.	3.25 - 5.50
Camphor, sassafrassy, cns.	lb.	.20 - .21
dms.	lb.	.17 - .18
white, cns.	lb.	.20 - .21
dms.	lb.	.17 - .18
Cananga, native, cns.	lb.	1.50 - 1.65
rectified, cns.	lb.	2.15 - 2.75
Capsicum (oleoresin), USP VIII, cns.	lb.	2.00 - 2.25
Caraway, U.S.P., cns.	lb.	2.20 - 2.25
Cardamom, bots.	lb.	20.00 -38.00
Cassia, U.S.P., cns., dms.	lb.	1.20 - 1.25
Castor, blown, one-way dms., c.l.	lb.	,11¼- —
l.c.l.	lb.	.12 - —
medicinal, bbls., c.l.	lb.	.09¾- —
l.c.l.	lb.	.10½- —
cns. (1-gal.), l.c.l.	lb.	.13½- —
dms. (returnable), c.l.	lb.	.09¾- —
l.c.l.	lb.	.10¾- —
(5-gal.), l.c.l.	lb.	.11⅛- —
tanks	lb.	.09 - —
No. 3, bbls., c.l.	lb.	.09¾- —
l.c.l.	lb.	.10 - —
dms. (returnable), c.l.	lb.	.09 - —
l.c.l.	lb.	.09¾- —
tanks	lb.	.08½- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l.	lb.	.08 - —
l.c.l.	lb.	.06¾- —
75% (63% fat), dms., c.l.	lb.	.11½- —
l.c.l.	lb.	.09½- —
80% (68% fat), dms., c.l.	lb.	.12½- —
l.c.l.	lb.	.10 - —
Cedarleaf, cns.	lb.	.85 - 1.15
dms.	lb.	.80 - 1.10
Cedarwood, Oregon, cns., dms.,	lb.	.28 - .30
Southern, cns., dms.	lb.	.24 - .26
Celery, bots.	lb.	8.75 -14.00
Chaulmoogra, USP, cns., 500 lbs.	lb.	.90 - —
25 lbs.	lb.	1.00 - —
Chinawood, dms	lb.	.15¼- .15½
tanks	lb.	.15¼- .15½
Cinnamon, Ceylon, bots.	lb.	8.00 -22.00
Seychelle, bots.	lb.	6.50 - 7.50
Citronella, Ceylon, cns.	lb.	.40 - .42
dms.	lb.	.38 - .40
Java, dms.	lb.	.45 - .48
Clove, makers, U.S.P., cns.	lb.	1.07 - 1.12
dms.	lb.	1.05 - 1.10
Coconut, Manila, crude, tanks,	lb.	.04¼- —
Pac. Cst.	lb.	.04 - —
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.09½- —
l.c.l.	lb.	.10 - —
tanks	lb.	.09 - —
Cod, Newfoundland, tanked, bbls.	gal.	.52 Nom.
Norwegian, shipt., bbls.	gal.	.34 - .35
Codliver, med., USP, Norwegian, bbls.	bbl.	27.50 -28.50
Oil, coriander, bots.	lb.	21.00 -22.00
Corn, crude, tanks, works	lb.	.06¾- .06⅞
refd., bbls.	lb.	.09 - .09⅛
Cottonseed, dom., cooking, bbls.,	lb.	.09 - —
salad, bbls.	lb.	.09⅛- —
import., Brazilian, semi-refd. dms.	lb.	.05 Nom.
British, semi-refd., dms.	lb.	.05¾ Nom.
Creosote (see C).		
Croton, USP, cns.	lb.	1.30 - 1.35
Cubeb, USP, cns.	lb.	2.85 - 3.10
Crude (see Petroleum, crude).		
Cumin, bots.	lb.	7.75 - 8.50
Cypress, dom., bots.	lb.	5.25 - 5.30
import., cns.	lb.	12.00 -12.25
Degras (see D)		
Diesel, Bayonne, bulk	bbl.	2.10 - —
California, 27 plus, bulk	bbl.	1.00 - 1.25
Dill seed, bots.	lb.	3.00 - 3.75
Weed, bots.	lb.	3.85 - 4.10
Dip (See D):—		
Erigeron, cns.	lb.	2.40 - 2.50
Eucalyptus, cns.	lb.	.44 - .46
dms.	lb.	.42 - .44
Fennel, sweet, cns.	lb.	1.20 - 1.30
Fuel, bunker, California, tide-water.	bbl.	1.05 - 1.20
Gulf Coast	bbl.	.95 - 1.00
Louisiana Arkansas, 10-14,	bbl.	.80 - .85
N. Y. and N. J. terminals:—		
Monday	bbl.	1.25 - —
Tuesday	bbl.	1.25 - —
Wednesday	bbl.	1.25 - —
Thursday	bbl.	1.25 - —
Friday	bbl.	1.25 - —
Saturday	bbl.	1.25 - —
North Texas, 18-22	bbl.	.80 - .85
24-28, zero cold test	bbl.	.95 - 1.05
Oklahoma, 18-22	bbl.	.85 - .90
24-28, zero cold test	bbl.	1.07½- 1.12½
24-28, 15 and above	bbl.	.90 - .95
Pennsylvania, 36-40	gal.	.04⅞- .05⅛
Furnace, Bayonne, 1, bulk, refinery.	gal.	.00 - —
2, bulk, same basis	gal.	.05 - —
4, bulk, same basis	gal.	.05 - —
Louisiana - Arkansas, 32 - 36, light straw.	gal.	.03⅞- .04
Oklahoma, 28-30	gal.	.03¼- .03½
32-36	gal.	.03½- .03⅝
36-38	gal.	.03⅝- .03⅞
38-40, straw	gal.	.03⅞- .04
38-40 zero, 60 s.p.	gal.	.03¾- .04
Fusel (see F).		
Gas, Bayonne, bulk	gal.	.04¾- —
Gulf Coast, bulk	gal.	.03¾- —
North Texas, bulk	gal.	.03 - —
Oklahoma, bulk	gal.	.03¼- —
Gaultheria (see Oil, wintergreen leaf).		
Geranium, Algerian, rose, cns.	lb.	4.00 - 4.75
Bourbon, cns.	lb.	3.75 - 4.25
Turkish (see Palmarosa).		
Grapefruit, cns.	lb.	2.00 - 2.25
Ginger, dist., bots.	lb.	7.75 - 8.00
Guaiac wood, concrete, bots.	lb.	2.75 - 3.10
Haarlem, import, bots.	gross	3.25 - 3.35
Halibut-liver, dms 1,000 A unit-gal.		.75 - 1.00
Hemlock, cns.	lb.	1.05 - 1.10
Juniper berry, USP, cns.	lb.	1.20 - 1.75
Wood, tech., cns.	lb.	.45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms.	lb.	.40 - .45
cns.	lb.	.45 - .50
Lard, common, 1, bbls.	lb.	.08¾- —
2, bbls.	lb.	.08½- —
extra, bbls.	lb.	.10½- —
1, bbls.	lb.	.09¼- —
winter, strained, extra, bbls	lb.	.10¾- —
prime burning, bbls.	lb.	.11½- —
prime, ed., bbls.	lb.	.12¼- —
ined., bbls.	lb.	.11 - —
Oil, laurel, bots.	lb.	6.25 - 6.50
Lavandin, cns., 25 lbs.	lb.	2.25 - —
Lavender flower, French, U.S.P., 50% ester, cns.	lb.	5.50 - 5.60
U.S.P., 38-42% ester, cns.	lb.	4.75 - 4.90
XI, 35% ester, cns.	lb.	3.70 - 4.50
XI, 30% ester, cns.	lb.	2.80 - 3.00
IX, 30% ester, cns.	lb.	2.65 - 2.75
VIII, 30% ester, cns.	lb.	2.25 - 2.35
garden, cns	lb.	.42 - .45
Spike, Spanish, tech., cns.	lb.	1.05 - 1.10
dms.	lb.	.95 - 1.10
Lemon, Calif., cns.	lb.	2.50 - —
Messina, coppers, cns.	lb.	3.35 - 4.00
Lemongrass, native, cns., dms.,	lb.	.42 - .43
Lime, dist., cns.	lb.	5.25 - 6.00
expressed, cns.	lb.	8.75 - 9.25
Linaloe wood, cns.	lb.	1.30 - 1.40
Linseed, boiled, bbls., c.l.	lb.	.1060- .1070
l.c.l., 5 or more	lb.	.1100- —
less than 5	lb.	.1140- .1170
tanks	lb.	.1000- —
double boiled, bbls., less than 5-lbs.	lb.	.1160- .1190
raw, bbls., c.l.	lb.	.1020- .1030
l.c.l., 5 or more	lb.	.1060- —
less than 5	lb.	.1100- —
tanks	lb.	.0960- .0970
Lovage, bots.	lb.	41.25 -42.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—		
California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color 4½, 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.18½- —
190-200 D, color 4½, 15-25 pour, tanks.	gal.	.23 - —
200-210 E, 15-25 pour, tanks.	gal.	.22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks,	gal.	.14 - —
4 color, tanks.	gal.	.13½- —
200 vis., 3 color, tanks.	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
250 vis., 3 color, tanks,	gal.	.15½- —
4 color, tanks.	gal.	.15 - —
280 vis., 3 color, tanks,	gal.	.16½- —
4 color, tanks.	gal.	.16 - —
300 vis., 3½, color, tanks.	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
600 vis., same basis.	gal.	.19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour		
Penn., bright, 600 cold test, 10-40 pour, tanks.	gal.	.20 - —
10-15 pour, tanks.	gal.	.21 - —
cylinder, 600 fire, tanks	gal.	.12 - —

Oil, Babassu—Oil, Palmkernel

Oil, lubricating, at refy., Penna., cylinder, 600 flash, tanks	gal.	.16 - —
630 flash, tanks	gal.	.19 - —
635 fire, tanks	gal.	.13½- —
650 fire, tanks	gal.	.16 - —
Warren, E, amber, tanks,	gal.	.17 - —
neutral, 150 vis., 3 color, tanks.	gal.	.24 - —
180 vis., 3 color, tanks.	gal.	.26 - —
200 vis., 2 color, tanks.	gal.	.28½- —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.28 - —
unfiltered, 600 s.r.	bbls. f.a.s.	gal. .22½- —
600 flash, s.r., bbls., c.l.,	gal.	,25½- —
630 s.r., bbls., c.l., f.a.s.	gal.	.25 - —
Warren, E. bbls., c.l., f.a.s.	gal.	.25½- —
smaller lots, f.o.b.	gal.	,27½- —
Mace, dist., cns., dms.	lb.	1.25 - 1.30
Mandarin, superior, coppers.	lb.	6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.37½ Nom.
refd., alkali, dms.	lb.	.0840- .0860
tanks	lb.	.0780- —
blown, dms.	lb.	.0840- .0860
kettle-boiled, dms.	lb.	.0940- .0960
light pressed, dms.	lb.	.0780- .0710
tanks	lb.	.0710- —
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, cns.	lb.	1.90 - 2.00
dist., natural, bots.	lb.	8.50 - 9.00
expressed, bbls.	lb.	.75 - .80
Neatsfoot, cold test, bbls.	lb.	.16¾- —
extra, bbls.	lb.	.09½- —
1, bbls.	lb.	.09¼- —
pure, bbls.	lb.	.11¾- —
prime, bbls.	lb.	.10¾- —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —
Neroli, bots.	lb.	115.00 -140.00
Nutmeg, USP, cns., dms.	lb.	1.25 - 1.30
Oiticica, dms.	lb.	.12¾- .13
Oleo, 1, bbls.	lb.	.09½- —
2, bbls.	lb.	.09 - —
Olibanum, bots.	lb.	5.00 - 5.25
Olive, denat., bbls.	gal.	1.10 - 1.15
edible, bbls.	gal.	2.35 Nom.
foots, bbls.	lb.	.09¼- .09½
sulphonated, 50% (43% fat), dms., c.l.	lb.	.12 - —
l.c.l.	lb.	.13 - —
75% (63% fat), dms., c.l.	lb.	.15½- —
l.c.l.	lb.	.14 - —
80% (68% fat), dms., c.l.	lb.	.16½- —
l.c.l.	lb.	.15 - —
Orange sweet, dist., cs.	lb.	.90 - —
expressed, African, cns., dms.	lb.	1.45 - 1.50
Calif., cns.	lb.	1.75 - —
Florida, cns.	lb.	1.75 - —
Messina, USP, coppers.	lb.	2.25 - 3.00
West India, cns.	lb.	1.95 - 2.00
Origanum, Spanish, cns.	lb.	.90 - 1.60
Orris, Florentine, concrete, extra strong, bots.	oz.	5.25 - 5.50
Palm, Niger, cks.	lb.	.04¼- —
shipment	lb.	.03⅞- —
softs, 12½%, bulk shipt.	lb.	.0365 Nom.
20%, bulk, shipt.	lb.	.0350 Nom.
Sumatra, shipment, bulk.	lb.	.0375 Nom.
Palmarosa, cns.	lb.	2.00 - 2.40
Palmkernel, bulk, shipt.	lb.	.04¼ Nom.

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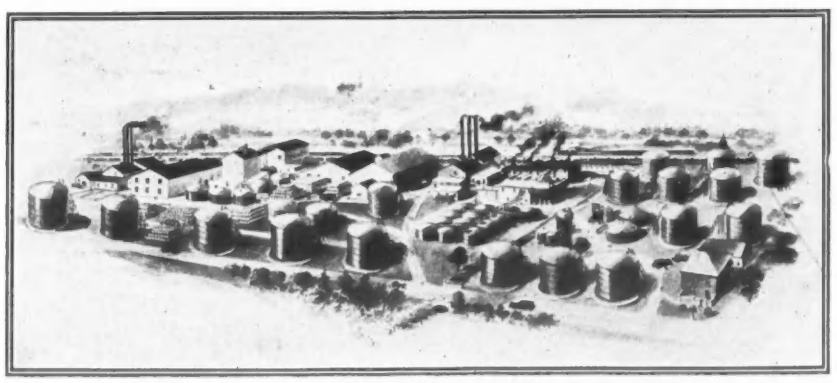

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Oil, Paraffin—Phenyl.

Oil, paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal.	.05¼-	—
330° flash, 70-80 vis., tanks, G. 3..gal.	.05½-	—
80-85 vis., bbls., extra, Ind. refy..gal.	.12 -	—
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal.	.14 -	—
380° flash, 100-110 vis., tanks, G. 3..gal.	.05¾-	—
Patchouli, bots., cns.....lb.	5.00 -	8.50
Peanut, crude, dom., tanks, works..lb.	.06½	Nom.
refd., edible, bbls.....lb.	.10	Nom.
Pennyroyal, dom., cns.....lb.	1.40 -	1.45
import, cns.....lb.	1.40 -	1.50
Peppermint, natural, cns., dms. lb.	2.15 -	2.40
redist., USP, cns., dms....lb.	2.35 -	2.60
Perilla, dms.....lb.	.11¼-	.11½
tanks .....lb.	.10¾-	.11
Petitgrain, Paraguay, cns....lb.	1.10 -	1.35
Pimento berry, cns.....lb.	3.65 -	7.50
leaf, cns.....lb.	2.40 -	2.50
Pine, dest.-dist., straw-color, dms., divd., E. ports...gal.	.52 -	.55
steam-dist., dms.....gal.	.59 -	—
tanks .....gal.	.54 -	—
Pineneedle, Siberian, cns....lb.	1.02 -	1.05
Putty, bbls., El Segundo, Richmond, Cal..gal.	.22½-	—
contracts .....gal.	.19½-	—
Whiting, Ind.....gal.	.28 -	—
dms., c.l., Bost., Provid..gal.	.25 -	—
l.c.l., same basis.....gal.	.27 -	—
tanks, same basis.....gal.	.18 -	—
Martinez, Cal.....gal.	.38 -	—
Rapeseed, blown, bbls.....lb.	.14½-	.14¾
denat., bbls.....gal.	.90 -	.91
Red, dist. or saponif, bbls. divd..lb.	.09¾-	.10¾
dms., divd.....lb.	.09½-	.10¼
tanks, divd.....lb.	.08¾-	.09¾
white, dms.....lb.	.12½-	.13
Rose, artif., bots.....oz.	2.00 -	8.00
natural, coppers.....oz.	5.25 -	22.50
Rosemary, Spanish, cns.....lb.	.56 -	.75
dms., ...lb.	.51	Nom.
Rosin, 1st rectfd., dms.....gal.	.54 -	.56
2d rectfd., dms.....gal.	.56 -	.58
3d rectfd., dms.....gal.	.60 -	.62
Rue, bots.....lb.	2.15 -	2.20
Sage, cns.....lb.	1.50 -	1.55
Sandalwood, Australia, cns..lb.	4.50 -	5.00
E.I., USP, cns.....lb.	5.25 -	5.50
Sardine, crude, tanks, Pac. Cst., gal.	.42½-	—
refd., alkali, dms.....lb.	.0840-	.0860
tanks .....lb.	.0780-	—
kettle-bodied, dms.....lb.	.0940-	.0960
light, pressed, dms.....lb.	.0780-	.0760
tanks .....lb.	.0710-	—
Sassafras, artif., cns.....lb.	.37 -	.38
dms.....lb.	.34 -	.35
natural, cns., dms.....lb.	.90 -	1.05
Savin, cns.....lb.	1.50 -	1.60
Savory, cns, ...lb.	2.00 -	2.25
Sesame, dom., refd., white, dms. lb.	.10¼-	.10½
Shingle stain, bbls., c.l., works, gal.	.19 -	—
l.c.l., works.....gal.	.21 -	—
tanks, works.....gal.	.14 -	—
Snakeroot, Canada, cns.....lb.	10.00	-11.00
Soybean, dom., crude, dms...lb.	.0730-	.0770
tanks .....lb.	.0650-	.0670
refd., dms.....lb.	.0830-	.0940
tanks .....lb.	.0770-	.0790
Spearmint, USP, cns.....lb.	1.65 -	1.70
Sperm, bleach, 38°, dms....lb.	.1000-	.1020
45°, dms .....lb.	.0930-	.0950
natural, dms.....lb.	.0880-	.0900
Spruce, cans.....lb.	1.05 -	1.10
Sweet birch, North, cns.....lb.	3.25 -	3.50
South, cns.....lb.	1.65 -	2.00
Tallow, acidless, bbls.....lb.	.09½-	—
tanks .....lb.	.09 -	—
Tansy, cns.....lb.	4.00 -	4.25
Tar, com'l, dms., c.l., divd., E. cities..gal.	.26 -	—
E. ports.....gal.	.25 -	—
l.c.l. .....gal.	.29 -	—
tanks, divd. E. cities....gal.	.20 -	—
rectfd., USP, bbls., divd. E. ports..gal.	.50 -	—
Tar acid (see T).		
Teaseed, crude, dms.....lb.	.08¾-	.09
Tea Tree (see Oil, ti tree).		
Thyme, NF, red, dms.....lb.	.69 -	1.50
white, dms .....lb.	.78 -	1.70
Ti tree, cns.....lb.	3.50 -	4.00
Tung (see Oil, chinawood).		
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.....gal.	4.25 -	5.00
Valerian, bots. .....lb.	11.00	-12.00
Vetiver, bots.....lb.	4.40	-16.50
Walnut, crude, dms.....lb.	.13¼-	—
refd., dms.....lb.	.14¼-	—
Whale, refd., natural, dms..lb.	.0940-	.0960
winter, bleach, dms.....lb.	.0980-	.1000
Wheat germ, cns., dms....gal.	27.50	-30.00
White, mineral, dom., tech., 50-60 vis., dms.....gal.	.42 -	.44
65-75 vis., dms.....gal.	.44 -	.46
80-90 vis., dms.....gal.	.45 -	.47
USP, 80-90 vis., dms..gal.	.54 -	.56
95-105 vis., dms.....gal.	.63 -	.65
125-135 vis., dms.....gal.	.75½-	.77½
140-150 vis., dms.....gal.	.76½-	.78½
175-185 vis., dms.....gal.	.78½-	.80½
200-210 vis., dms.....gal.	.80 -	.82
320-330 vis., dms.....gal.	.85½-	.87½
335-345 vis., dms.....gal.	.87 -	.89
Wintergreen, natural, North, cns..lb.	4.00 -	8.00
South, cns.....lb.	2.35 -	3.75
synth. (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.....lb.	2.55 -	2.65
Wormwood, cns.....lb.	2.65 -	2.70
Ylang-ylang, Bourb., bots., cns., lb.	3.50 -	6.00
Manila, bots. .....lb.	18.00	-24.00
Opium, USP, cns.....lb.	11.50	-12.50
gran., cns.....lb.	12.50	-13.50
powd., cns.....lb.	12.50	-13.50
Orange, Lake, Persian, bbls...lb.	.30 -	.45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb.	.10½-	—
divd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb.	.11 -	—
Colo., Mont., N. M., Wyo..lb.	.10¾-	—
Other points.....lb.	.10½-	—
smaller lots, divd., Ala., etc..lb.	.11 -	—
Ariz., etc. .....lb.	.11½-	—
Colo., Mont., N. M., Wyo..lb.	.11¾-	—
Other points.....lb.	.10¾-	—
French, Tours, csks, ex deck..lb.	.17 -	—
kgs., ex dock.....lb.	.18½-	—
Molybdate, bbls.....lb.	.81 -	—
Tenor, bbls.....lb.	.80 -	—
Orangeflower petals, cs.....lb.	.35 -	.40
Orange peel, bitter, bls.....lb.	.08 -	.09
Sweet, bls.....lb.	.10 -	.11
Orris root, Florentine, bgs.....lb.	.10 -	.11
fingers, cs.....lb.	.90 -	.95
powd., bbls., bxs.....lb.	.14 -	.15
Verona, bls.....lb.	.09 -	.10
powd., bxs., cs.....lb.	.13 -	.14
Orthoanisidin, bbls.....lb.	.70 -	.74
Orthochloroaniline, dms.....lb.	.69 -	.75
Orthochlorophenol, dms.....lb.	.85 -	.75
Orthocresol, dms., c.l., works..lb.	.13½-	—
l.c.l., same basis.....lb.	.14½-	—
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb.	.06 -	—
l.c.l., dms., same basis...lb.	.07 -	—
100-lb. tins, same basis.lb.	.08 -	—
50-lb. tins, same basis..lb.	.09 -	—
tanks, same basis.....lb.	.05½-	—
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.....lb.	.55 -	—
Orthonitrochlorobenzene, kgs..lb.	.15 -	.18
Orthonitroparachlorophenol, cns.lb.	.75 -	—
Orthonitrotoluene, dms.....lb.	.08 -	—
Orthotoluene sulphonate, kgs..lb.	2.00 -	2.05
Orthotoluidin, dms.....lb.	.16 -	—
Osage orange extract, cryst., bbls., lb.	.17 -	.19
liquid, 51°, bbls.....lb.	.07 -	.08
Oxyquinolin sulphate, cns., 100-lbs., works..lb.	3.50 -	—
bots., cns., 1-50 lbs.....lb.	3.65 -	4.00

P

Papain, powd., cs.....lb.	2.75 -	3.00
Paprika, Hungarian, extra fancy, bgs..lb.	.21 -	.22
medium, bgs.....lb.	.20 -	.20½
Spanish, extra fancy, cs.....lb.	.25½-	.26
fair, bgs. .....lb.	.22 -	.22½
fancy, bgs.....lb.	.25 -	.25½
medium, bgs. .....lb.	.23½-	.24
Para-aminoacetanilide, kgs....lb.	.85	Nom.
Para-amylphenol, tertiary, dms., c.l., works..lb.	.26 -	—
Parachlorophenol, dms.....lb.	.80 -	.45
Paracymene, refd., dms.....gal.	.75 -	1.25
Paradichlorobenzene, dms., c.l.lb.	.11 -	.13
l.c.l., dms.....lb.	.12½-	.15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb.	.03 -	—
bbls., c.l., N. Y....lb.	.0240-	—
124-126 A.m.p., bgs., c.l., Okla., refy..lb.	.03¼-	—
bbls., c.l., N. Y....lb.	.0240-	—
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb.	.02¾	Nom.
fully refd., slabs, 123-126 A.m.p., bgs., c.l...lb.	.0445-	—
export, f.a.s., N. Y..lb.	.0465-	—
125-127 A.m.p., bgs., c.l..lb.	.0455-	—
export, f.a.s., N. Y..lb.	.04¾-	—
128-130 A.m.p., bgs., c.l..lb.	.0480-	—
export, f.a.s., N. Y..lb.	.05 -	—
130-132 A.m.p., bgs., c.l..lb.	.0490-	—
export, f.a.s., N. Y..lb.	.0515-	—
133-135 A.m.p., bgs., c.l..lb.	.0535-	—
export, f.a.s., N. Y..lb.	.05¾-	—
135-137 A.m.p., bgs., c.l..lb.	.0560-	—
export, f.a.s., N. Y..lb.	.06 -	—
138-140 A.m.p., bgs., c.l..lb.	.0635-	—
143-145 A.m.p., bgs., c.l..lb.	.0790-	—
refined paraffin prices in cases are ½c. lb. higher than bags price.		
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb.	.03¼-	—
Paraffin, semirfd., solid, 122-124 A.m.p., bgs..lb.	.03¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb.	.34 -	—
100 to 900 lbs. shipments, same basis..lb.	.35 -	—
Paraldehyde, tech., dms., wks.lb.	.16 -	.18
USP, cbys.....lb.	.37 -	.45
Paranitroaniilin, kgs., c.l., works, lb.	.45 -	—
l.c.l., works.....lb.	.47 -	—
Paranitrochlorobenzene, kgs...lb.	.15 -	.16
Paranitrophenol, kgs.....lb.	.35 -	.37
Paranitrotoluene, kgs.....lb.	.55 -	—
Paraphenylenediamine, bbls....lb.	1.25 -	1.30
Paratoluenesulphonamide, bbls.lb.	.70 -	.75
Paratoluidin, bbls.....lb.	.56 -	—
Pareira brava root, bls.....lb.	.15 -	.16
Paris green, dealer, dms., cans, f.o.b. works frt. all'd lb.	.25½-	.27½
less car lot, same basis.lb.	.26½-	.28½
Passion flower herb, bls.....lb.	.07 -	.07½
Patchouli leaves, bls.....lb.	.14 -	.15
Pellitory root, bls.....lb.	.18 -	.20
Pennyroyal herb, bls.....lb.	.07 -	.08
leaves, bls.....lb.	.14 -	.15
Pentane, norm., 28-38°, dms., c.l., G.3..gal.	.12½-	—
l.c.l., G.3.....gal.	.16 -	—
tanks, G.3.....gal.	.06½-	—
laboratory grade, dms., c.l., G.3..gal.	.16 -	—
l.c.l., G.3.....gal.	.25 -	—
Pepper, black, Alleppy, bgs...lb.	.07¾	Nom.
Lampong, bgs.....lb.	.05½-	.05¼
Tellicherry, bgs.....lb.	.08½-	.08½
Red, birdseye, bgs.....lb.	.15	Nom.
Japanese, 1, bgs.....lb.	.20 -	.20½
Mombassa, bgs.....lb.	.20	Nom.
White, Java, Muntok, bgs...lb.	.08¼-	.08½
Singapore, Muntok, bgs....lb.	.08¼-	.08¾
Peppermint leaves, dom,, bls..lb.	.32 -	.35
import, bls. .....lb.	.40 -	.42
Peru, balsam, dms.....lb.	.80 -	.85
Petrolatum, amber, bbls., c.l., lb.	.02½-	.03
l.c.l. .....lb.	.04 -	.04¼
[illegible] bbls.....lb.	.03¼-	.03¼
l.c.l. .....lb.	.04¼-	.04½
cream (see white, cream)		
green (see red)		
red, veterinary, bbls., c.l....lb.	.02½-	.02¾
l.c.l. .....lb.	.03¾-	—
white, cream, bbls., c.l....lb.	.05 -	.05¼
l.c.l. .....lb.	.06½-	—
lily, bbls., c.l.....lb.	.06 -	.06¼
l.c.l. .....lb.	.07½-	—
snow, bbls., c.l.....lb.	.07 -	.07¼
l.c.l. .....lb.	.08½-	—
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights.....bbl.	.74 -	.95
Athens .....bbl.	.84 -	1.66
Belridge .....bbl.	.70 -	1.32
Buena Vista Hills.....bbl.	.70 -	1.38
Canal-Greely .....bbls.	.84 -	1.64
Coalinga .....bbl.	.70 -	.90
Coyote Hills (West)...bbl.	.78 -	1.32
Dominguez .....bbl.	.79 -	1.60
East Coyote .....bbl.	.76 -	.96
Elk Hills .....bbl.	.79 -	1.38
Elwood Terrace, f.o.b. ship., bbl.	1.28 -	1.43
El Segundo .....bbl.	.80 -	1.21
Huntington Beach.....bbl.	.78 -	1.22
Inglewood .....bbl.	.79 -	1.27
Kern Front .....bbl.	.70 -	—
Kern River .....bbl.	.70 -	—
Kettleman Hills .....bbl.	1.19 -	1.43
La Habra.....bbl.	.76 -	.96
Lakeview .....bbl.	.70 -	1.38
Lost Hills .....bbl.	.70 -	1.32
McKittrick .....bbl.	.70 -	—
Midway - Sunset (except Lakeview)..bbl.	.70 -	1.38
Petroleum, crude, bulk, at wells:—		
California (Continued):—		
Montebello .....bbl.	.77 -	1.43
Mt Poso .....bbl.	.70 -	—
Mountain View.....bbl.	.70 -	1.20
Newhall .....bbl.	.70 -	—
Orcutt .....bbl.	.70 -	.95
Olinda Brea .....bbl.	.76 -	1.27
Playa del Rey, f.o.b. pipeline .....bbl.	.80 -	1.16
Richfield .....bbl.	.76 -	1.09
Rosecrans .....bbl.	.84 -	1.06
Round Mt. .....bbl.	.70 -	—
Santa Fe Springs.....bbl.	.78 -	1.42
Santa Paula.....bbl.	.70 -	1.01
Seal Beach.....bbl.	.79 -	1.10
Signal Hill .....bbl.	.80 -	1.31
Torrence .....bbl.	.80 -	1.05
Wheeler Ridge .....bbl.	.70 -	.93
Whittier .....bbl.	.76 -	.96
Wilmington .....bbl.	.75 -	1.21
Canada:—		
Oil Springs.....bbl.	2.17 -	—
Petrolia .....bbl.	2.10 -	—
Central West:—		
Illinois .....bbl.	1.35 -	—
Lima .....bbl.	1.25 -	—
Midland (Mich.).....bbl.	1.12 -	—
Princeton .....bbl.	1.35 -	—
East Texas.....bbl.	1.35 -	—
Gulf Coast:—		
Barber's Hill.....bbl.	.95 -	1.41
Batson .....bbl.	.95 -	1.41
Dayton .....bbl.	.95 -	1.41
Esperson .....bbl.	.95 -	1.41
Goose Creek .....bbl.	.95 -	1.41
Hull .....bbl.	.95 -	1.41
Humble .....bbl.	.90 -	1.41
Liberty .....bbl.	.90 -	1.41
Markham .....bbl.	.90 -	1.20
Orange .....bbl.	.95 -	1.41
Pettus .....bbl.	1.37 -	—
Pierce Junction .....bbl.	.95 -	1.41
Refugio (incl. Greta, Taft, Saxet)..bbl.	1.01 -	1.17
Saratega .....bbl.	.95 -	1.41
Sour Lake .....bbl.	.90 -	1.41
Spindle Top .....bbl.	.95 -	1.41
Sugarland .....bbl.	.95 -	1.41
West Columbia .....bbl.	.95 -	1.41
Kentucky, Tennessee:—		
Big Sandy river.....bbl.	1.42 -	—
Kentucky river.....bbl.	1.50 -	—
Western Kentucky (Owensboro..bbl.	1.40 -	—
Louisiana, Arkansas:—		
Bull Bayou.....bbl.	.90 -	1.22
Caddo .....bbl.	.90 -	1.22
Cameron Meadows.....bbl.	.90 -	1.30
Choctaw .....bbl.	.90 -	1.30
Cotton Valley.....bbl.	.90 -	1.22
Darrow .....bbl.	.90 -	1.30
De Soto.....bbl.	.90 -	1.29
El Dorado.....bbl.	.90 -	1.22
Haynesville .....bbl.	.90 -	1.22
Homer .....bbl.	.90 -	1.22
Iowa .....bbl.	.90 -	1.30
Lockport .....bbl.	.90 -	1.30
Miller County.....bbl.	.90 -	1.22
Pine Island.....bbl.	.90 -	1.22
Rainbow .....bbl.	.90 -	1.22
Redessa .....bbl.	.90 -	1.22
Smackover .....bbl.	.90 -	—
Tepetate .....bbl.	1.24 -	—
Urania .....bbl.	1.02 -	—
Mexico, f.o.b. terminals Mexican ports—based on contract:—		
Panuco .....bbl.	1.05 -	—
Tax, 14.392c. per bbl.		
Tuxpan .....bbl.	No prices.	
Tax, 23.45c. per bbl.		
Midcontinent:—		
North Texas.....bbl.	.96 -	1.20
Oklahoma-Kansas .....bbl.	.96 -	1.30
Altus, Tipton (Okla.), bbl.	.96 -	1.20
Pennsylvania, Ohio, West Virginia:—		
Bradford-Allegany ....bbl.	2.20 -	—
Corning .....bbl.	1.27 -	—
Pennsylvania grade, in Buckeye lines..bbl.	1.70 -	—
Eureka lines.....bbl.	1.82 -	—
N. Y. Transit lines.bbl.	2.20 -	—
S.W. Penn. lines...bbl.	1.88 -	—
lower district in National Transit lines.bbl.	2.10 -	2.15
Rocky Mountain:—		
Big Muddy .....bbl.	1.18 -	1.23
Canon City-Florence..bbl.	1.10 -	—
Cat Creek .....bbl.	1.40 -	—
Dutton Creek.....bbl.	1.06 -	1.30
Elk Basin.....bbl.	1.30 -	—
Fort Collins-Wellington... bbl.	1.01 -	1.26
Frannie, light.....bbl.	.82 -	—
Grass Creek.....bbl.	1.30 -	—
Greybull .....bbl.	1.30 -	—
Iles .....bbl.	1.12 -	1.16
Lance Creek.....bbl.	.97 -	—
Midway .....bbl.	1.06 -	1.30
Rock Creek.....bbl.	1.20½-	—
Salt Creek.....bbl.	1.06 -	1.30
Sunburst .....bbl.	1.20 -	—
Torchlight .....bbl.	1.30 -	—
South, Central and Southwestern Texas:—		
Cass County.....bbl.	.96 -	1.25
Cleveland-Liberty .....bbl.	1.27 -	—
Conroe .....bbl.	1.20 -	1.44
Darst Creek.....bbl.	1.09 -	—
Hardin-Liberty .....bbl.	1.15 -	—
Luling .....bbl.	1.00 -	—
Lytton Springs.....bbl.	1.12 -	—
Mirando (incl. Duval).... bbl.	.96 -	1.22
Panola County.....bbl.	.93 -	1.26
Salt Flat .....bbl.	1.09 -	—
Tomball .....bbl.	1.20 -	1.44
Van .....bbl.	1.10 -	—
Texas Panhandle:—		
Carson-Hutchinson counties, bbl.	.91 -	1.08
Gray County .....bbl.	.94 -	1.08
West Texas:—		
Artesia, N. M.....bbl.	.90 -	—
Crane .....bbl.	.78 -	1.08
Crockett .....bbl.	.78 -	1.08
Ector .....bbl.	.78 -	1.08
Glasscock .....bbl.	.78 -	1.08
Hogback .....bbl.	1.33 -	—
Howard .....bbl.	.78 -	1.08
Jackson, N. M.....bbl.	.90 -	—
Lea, N. M.....bbl.	.78 -	1.08
Maljamar, N. M.....bbl.	.90 -	—
Mitchell .....bbl.	.78 -	1.08
Pecos .....bbl.	.91 -	—
Upton .....bbl.	.78 -	1.08
Winkler .....bbl.	.78 -	1.08
Ether, 80-60°, dms., c.l., G. 3. gal.	.14 -	—
l.c.l., G.3.....gal.	.17 -	—
tanks, G.3 .....gal.	.13 -	—
55-60°, dms., l.c.l., G.3....gal.	.35 -	—
40-75°, dms., c.l., G.3.....gal.	.14 -	—
l.c.l., G.3.....gal.	.16 -	—
tanks, G.3.....gal.	.13 -	—
laboratory grade, dms., c.l., G.3..gal.	.16 -	—
c.l., G.3.....gal.	.25 -	—
10-gal. lots, G.3.....gal.	.50 -	—
Lacquer, diluent, at refinery:—		
California 60, 160 l.b.p., 283 e.p., tanks, delvd. Los Angeles..gal.	.11 -	—
San Francisco..gal.	.11¼-	—
f.o.b. Richmond..gal.	.11½-	—
Willbridge, Ore.; Pt. Wells, Wash..gal.	.12 -	—
East Coast, tanks....gal.	.12 -	.12½
Group 3, tanks.....gal.	.08¾-	—
Petroleum, crude, at wells:—		
Naphtha, cleaners, at refinery:—		
East Coast, tanks.....gal.	.10 -	—
Group 3, tanks.....gal.	.07¾-	—
tankwagon, Boston, ex-tax, gal.	.13 -	—
Bridgeport .....gal.	.13½-	—
Chicago, inc. 4c. tax...gal.	.172 -	—
Decatur, inc. 4c. tax..gal.	.191 -	—
Des Moines, inc. 4c. tax.gal.	.189 -	—
Evansville, inc. ex tax.gal.	.14½-	.15½
Milwaukee, inc. 5c. tax, gal.	.208 -	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.20½-	—
Newark, ex tax.....gal.	.12 -	—
New York, ex tax.....gal.	.12 -	—
Omaha, ex tax.....gal.	.144 -	.154
Oklahoma City, ex tax.gal.	.16 -	—
Philadelphia, ex tax...gal.	.11½-	—
St. Louis, inc. 1c. tax..gal.	.157 -	—
Syracuse, 150 gals.....gal.	.14 -	—
smaller lots, galv. drums, gal.	.16 -	—
milk cans.....gal.	.21 -	—
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal.	.16 -	—
2, over 90% arom., same basis..gal.	.18 -	—
3, tanks, f.o.b. Bayway..gal.	.18 -	—
8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N, J....gal.	.17 -	—
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt...gal.	.16½-	—
30, same basis.....gal.	.18½-	.19
40, same basis.....gal.	.14½-	.15½
V. m. & p., at refinery:—		
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal.	.11 -	—
Richmond .....gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash..gal.	.13 -	—
54-57, 190 l.b.p., 310 e.p. tanks, divd. Los Angeles..gal.	.10 -	—
San Francisco..gal.	.10½-	—
Portland, Seattle..gal.	.11 -	—
East Coast, tanks....gal.	.10 -	.10½
Group 3, tanks.....gal.	.07¾-	—
tankwagon, Boston, ex tax gal.	.13 -	.14
Chicago, inc. 4c. tax..gal.	.162 -	—
Decatur, inc. 4c. tax..gal.	.191 -	—
Des Moines, inc. 4c. tax.gal.	.189 -	—
Evansville, Ind., ex tax.gal.	.147 -	.157
Milwaukee, inc. 5c.tax.gal.	.203 -	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.20½-	—
Newark, ex tax.....gal.	.12½-	—
New York, ex tax.....gal.	.10½-	—
Omaha, ex tax.....gal.	.144 -	.154
Philadelphia, ex tax...gal.	.13½-	—
St. Louis, inc. 1c. tax.gal.	.157 -	—
Solvent, rubber, at refinery, East Coast, tanks..gal.	.10 -	—
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal.	.07¾-	—
standard, 180 l.b.p., 288 e.p., tanks..gal.	.07¾-	—
Stoddard (CS 3-23), at refinery:—		
East Coast, tanks.....gal.	.10 -	—
Group 3, tanks.....gal.	.06¾-	—
tankwagon, Boston, ex tax, gal.	.12½-	.13½
Chicago, inc. 4c. tax..gal.	.156 -	—
Decatur, inc. 4c. tax..gal.	.181 -	—
Des Moines, inc. 4c. tax.gal.	.179 -	—
Evansville, Ind., ex tax.gal.	.135 -	.145
Milwaukee, inc. 5c. tax, gal.	.198 -	—
Minneapolis - St. Paul, inc. 5c. tax..gal.	.181 -	—
Newark, ex tax.....gal.	.11¼-	—
New Orleans, ex tax..gal.	.11 -	—
New York, ex tax.....gal.	.11¼-	—
Omaha .....gal.	.131 -	.141
Philadelphia, ex tax...gal.	.11½-	—
St. Louis, inc. 1c .tax.gal.	.146 -	—
Tulsa, ex tax.....gal.	.10 -	.11
Thinner, at refinery:—		
California, 34, 325 l.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal.	.14 -	—
Portland, Ore.....gal.	.15 -	—
Richmond .....gal.	.13½-	—
Seattle, Wash....gal.	.15½-	—
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal.	.10½-	—
Richmond .....gal.	.10 -	—
Southern Calif....gal.	.09½-	—
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal.	.11 -	—
Portland, Ore....gal.	.12 -	—
Richmond .....gal.	.11½-	—
Seattle, Wash....gal.	.12 -	—
East Coast, 43-47, tanks..gal.	.09¾-	.10
47-49, tanks.....gal.	.09½-	.10
New Jersey, tanks...gal.	.09 -	—
Group 3, tanks.....gal.	.06¾-	—
tankwagon, tax included:—		
Albany .....gal.	.13 -	—
Baltimore (100 gals.)..gal.	.12¾-	.15½
25-99 gals.....gal.	.13¾-	.15½
Boston .....gal.	.12½-	.13½
Bound Brook, North Amboy, N. J..gal.	.11¼@	.13½
Bridgeport, Conn. ....gal.	.13 -	—
Buffalo .....gal.	.12¼-	—
Camden, N. J.....gal.	.115 -	.136
Chicago .....gal.	.159 -	—
Decatur, Ill. .....gal.	.181 -	—
Des Moines .....gal.	.179 -	—
Evansville, Ind.....gal.	.137 -	.147
Milwaukee .....gal.	.193 -	—
Minneapolis-St. Paul...gal.	.19½-	—
Newark .....gal.	.09½-	—
New York (200 gals.).gal.	.11 -	—
smaller lots .....gal.	.11½-	.12
Omaha .....gal.	.131 -	.141
Philadelphia .....gal.	.115 -	.136
Pittsburgh .....gal.	.12 -	.14
Providence .....gal.	.12½-	.13½
Rochester .....gal.	.12 -	.16
St. Louis .....gal.	.147 -	—
Syracuse .....gal.	.14 -	—
Trenton .....gal.	.11½-	.14
Wilmington, Del.....gal.	.11½-	.13½
Phenobarbital, bots., 5 lbs....lb.	4.35 -	—
bots. or cns., spot or contract, 100 lbs..lb.	4.00 -	—
cns., 25 lbs.....lb.	4.25 -	—
Phenol, USP, dms., c.l., works, frt. equald..lb.	.14½-	.15¼
l.c.l., same basis.....lb.	.15¼-	.16¼
under 1,000 lbs.....lb.	.16¼-	.17¼
tanks, works.....lb.	.13½-	—
Phenolphthalein, USP, bbls., dms. 2,000-lb. lots..lb.	.85 -	—
bbls., dms., kegs, 100-250 lbs. lb.	.87 -	.89
Phenolphthalein, yellow, fib., dms., 2,000-lb. lots..lb.	.80 -	—
100-lb. fib. dms.....lb.	.82 -	—
25-lb. dms.....lb.	.87 -	—
50-lb. kgs.....lb.	.84 -	—
Phenyl chloride, dms.....lb.	.17 -	—
Phenylacetaldehyde, bots.....lb.	2.25 -	2.50
Dimethylacetate, cns.....lb.	14.50	-15.00
Phenylethylphenyl acetate, bots., lb.	11.50	-15.00

Phenylhydrazine base, CP, bots. lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins,works.lb.20.00 -22.00
tech., tins, works.....lb.16.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines.... long ton. 2.35 - —
72% min., bulk, mines.... long ton. 2.65 - —
75% basis, 74% min., bulk mines..long ton. 3.85 - —
Tenn., 72% bulk, mines.... long ton. 4.50 - —
75%, bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride, cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .43
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis .....oz. 2.90 - 3.00
Pimento, bgs.....lb. .14½- .14¾
Pinkroot, bls.....lb. .45 - .48
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Pitch, hardwood, 1-time, dm., c.l., dlvd. Akron..ton.23.75-24.00
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .13
Podophyllin, dms.....lb. 4.80 - 5.00
Poke root, bls.....lb. .07½- .08
Pomegranate bark, bgs.....lb. .17 - .18
Root bark, bgs.....lb. .35 - .36
Poppy flowers, red, bls.....lb. .70 - .75
Seed, Dutch, bgs.....lb. .09¾- .09½
Polish, bgs.....lb. .09¼- .09¾
Potash acetate, USP, bbls., 250 lbs..lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demi., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
Bichromate spot, c.l., works, lb. .08¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
kgs., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03¼- —
tanks, dlvd.....lb. .02871½- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07¼
liquid, 45% bassi, dms.....lb. .03½- .03½
tanks .....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, caks.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .15
powd., kgs.....lb. .08½- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .19 - .22
Citrate, USP, gran., bbls., 250 lbs..lb. .34 - —
kgs, 100 lbs.....lb. .35 - —
cns., 50 lbs.....lb. .36 - —
cns., 25 lbs.....lb. .38 - .39
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, lb., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .30 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms. .....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.l.f., ports..ton.12.75 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports, unit-ton. .56½- —
import., 30%, K_2O,bulk,shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min. 50% K_2O bulk.. unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .53½- —
Potash muriate prices in bags are $3 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .30
Nitrate, crude, bgs., Jan.-May shipt., c.l.f. ports..ton.57.50 - —
Perchlorate, kgs., works.....lb. .09¼- .11½
Permanganate, tech., dms...lb. 13½ 14
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs..lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton.33.00 - —
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs..lb. .35 - .40
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .22 - .23
Propane, tanks, G.S.....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian,Amer.,grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works..lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex-dock, N.Y..ton.32.85 Nom.
l.c.l., 5-20 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
3 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs.,ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .10 - .12
Purple lake (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.35 - —
linseed oil, raw, dms., 1,000 lbs..100 lbs.4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
refined dms., 1,000 lbs.100 lbs. 5.15 - —
500-999 lbs.....100 lbs. 5.35 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs., 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal. 5.10 - 5.40
basis (30 to 1) 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand, gal. 7.65 - 8.00
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .19 - —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .22 - —
Pyridin, denaturing, dms....gal. 1.55 - —
refd., 2° dms.....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works...lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 25% tan., bbls., works..lb. .02½- —
tanks, works.....lb. .03 - —
Quebracho, solid, 65%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms. .....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flasks.80.00 -81.00
Quince seed, bgs.....lb. .85 - 1.50
Quinidine, cryst., small cns...oz. .95 - —
large, cns.....oz. .95 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydroiodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .87 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06½- .06¾
Dutch, bgs.....lb. .06½- .06¾
Japanese, bgs.....lb. .06¼- .06½
Raspberries, dried, bbls.....lb. .60 - .65
Red, alizarin lake bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport,Rock Island, St. Louis..lb. 1.10 - —
Red, Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .91 - —
smaller lots, same basis, lb. .96 - —
kgs., ton lots, same basis, lb. .96 - —
smaller lots, same basis, lb. 1.01 - —
Red, cadmium, lithopone, light shade, bbls., ton lots, same basis..lb. .76 - —
smaller lots, same basis, lb. .81 - —
kgs., ton lots, same basis, lb. .81 - —
smaller lots, same basis, lb. .86 - —
light-medium shade, bbls., ton-lots, same basis..lb. .81 - —
smaller lots, same basis, lb. .86 - —
kgs., ton lots, same basis, lb. .86 - —
smaller lots, same basis, lb. .91 - —
maroon shade, bbls., ton lots, same basis..lb. 1.01 - —
smaller lots, same basis, lb. 1.06 - —
kgs., ton lots, same basis, lb. 1.06 - —
smaller lots, same basis, lb. 1.11 - —
medium shade, bbls., ton lots, same basis..lb. .86 - —
smaller lots, same basis, lb. .91 - —
kgs., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .96 - —
Selenide, bbls., dark works.lb. 2.75 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.60 - —
Carmine, 40, cns., 500 lbs....lb. 4.00 - —
100 lbs. .....lb. 4.15 - —
11 lbs. .....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin toner, blue shade, bbls. lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake.....lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls. 1.34 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulfoxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic rhodamine Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd...lb. .03½ Nom.
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. 18¾ —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15% bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermillion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lb. 1.60 - —
smaller lots.....lb. 1.61 - 1.69
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more...lb. 1.60 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs, ...lb. .09 - .10
Rhodinol, bots. .....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .50 - .55
powd., bbls., kgs.....lb. .55 - .60
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .16 - —
smaller lots .....lb. .16½- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .15 - —
smaller lots .....lb. .15½- —
Rose flowers, pale, bls.....lb. .34 - .35
Red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls. .....lb. .05 - .06
Rosin, gum, B, bbls., ex dock.... 280 lbs. 6.25 - —
D, bbls.....280 lbs. 6.25 - —
E, bbls.....280 lbs. 6.50 - —
F, bbls.....280 lbs. 7.25 - —
G, bbls.....280 lbs. 7.30 - —
H, bbls.....280 lbs. 7.45 - —
I, bbls.....280 lbs. 7.45 - —
K, bbls.....280 lbs. 7.50 - —
M, bbls.....280 lbs. 7.65 - —
N, bbls.....280 lbs. 7.80 - —
W. G., bbls.....280 lbs. 8.65 - —
W. W., bbls.....280 lbs. 9.05 - —
X, bbls.....280 lbs. 9.05 - —
Rosin, wood, New York, F. F., bbls..280 lbs. 6.60 - 7.75
K, bbls.....280 lbs. 7.30 - 8.25
M, bbls.....280 lbs. 8.00 - 8.95
N, bbls.....280 lbs. 8.55 - 9.50
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls. .....lb. .08½- .10
Rue, bls. .....lb. .21 - .23

Phenyl.—Soda Ash

S

Sabadilla seed, powd., bbls....lb. .20 - .21
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs. .....lb. 1.73 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .35 - .40
Spanish, tins.....lb.23.00 -24.00
Safrol, cns.....lb. .50 - .55
dms. .....lb. .47 - .55
Sage, Dalmatian, stemless.....lb. .06¼- .06¾
garden, bls. .....lb. .06½- .07
Sago flour, bgs. .....lb. .02¾- .03½
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs. .....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.11.80 -12.80
l.c.l., bgs., dlvd., N. Y.ton.14.00 -14.50
vacuum, common, fine, bgs.,c.l., dlvd., N. Y..ton.14.80 - —
l.c.l., dlvd. N. Y.....ton.15.50 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons.100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras,bls.lb. .42 - .43
Mexican, bls. .....lb. .18 - .19
Sassafras bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .22 - .25
Savory, bbls.....lb. .07½- .08
Saw palmetto berries, bgs.....lb. .09 - .10
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .12¾- —
smaller lots .....lb. .13¼- —
kegs, 5,000 lbs., 1 shipm't.lb. .13½- —
smaller lots .....lb. .13¾- —
Senega root, bls.....lb. .57 - .58
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. 1.10 - 1.15
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .17 - .17½
dlvd. Boston.....lb. .17½- .18
Chicago .....lb. .18 - .18½
Pacific Coast.....lb. .19 - .19½
refd., bbls., f.o.b. N. Y.....lb. .23 - .24
dlvd. Boston.....lb. .23½- .24½
Chicago .....lb. .24 - .25
Pacific Coast.....lb. .26 - .27
Garnet, bgs.....lb. .14 - .15
Orange, D.C., VSO., Diamond, cases..lb. .21 - .22
superfine, bgs., f.o.b. Bost., N. Y..lb. .13 - .13½
dlvd. Chicago.....lb. .13½- .14
Pacific Coast.....lb. .16 - .16½
T. N., bgs., f.o.b. Bost., N.Y., lb. .12 - .13½
dlvd. Chicago.....lb. .12½- .13
Pacific Coast.....lb. .15 - .16½
Shellac varnish, orange, 5-lb. cut, bbls..lb. .85 - .95
4½-lb. cut, bbls.....gal. .80 - .90
4-lb. cut, bbls.....gal. .75 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh,bgs.,c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons,works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 3.25 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .6464- —
Nitrate, vis.....oz. .32¾- .34¼
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .30 - .35
Western, bls. .....lb. .18 - .20
Skunk cabbage root, bls.....lb. .20 - .23
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .08 - .09
Smalt, black, extra velvet, ctns. lb. .05 - .06
Blue, cts.....lb. .07 - .08½
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .10 - .11
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .08¼- —
flake, gran., powd., 60%, dms..lb. .04¼- .05
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .13¼- .13¾
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .30 - .33
powd., bbls.....lb. .13 - .14
Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —

Soda Ash—Turmeric

Soda, ash, dense, 58%, bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l.....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala, Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .42 - —
USP, bbls., 4,000 lbs. or more. lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more..lb. .47 - .49
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .53
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works.. 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y....100 lbs. 2.49 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y....100 lbs. 2.74 - —
Bichromate, spot, c.l., works lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
35 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works. 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fiber dms.. 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda, sal)
Caustic, flake, 76%, 1, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.65 - 4.00
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, tanks, works..100 lbs. 1.95 - —
seller's tanks, works..... 100 lbs. 1.97½ —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works..... 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .20 - —
cns., 50 lbs.....lb. .22 - —
25 lbs.....lb. .24 - .26
kgs., 100 lbs.....lb. .21 - —
U.S.P. X, gran., bbls., 250 lbs. lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27 - —
powd., bbls., 250 lbs.....lb. .27 - —
cns., 50 lbs.....lb. .29 - —
25 lbs.....lb. .31 - .33
kgs., 100 lbs.....lb. .28 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
96%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Soda, glycerophosphate, powd., bbls., 1,000-lb lots..lb. 1.05 - —
smaller lots .....lb. 1.20 - —
cns., 25 lbs. .....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, N.F., cns... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lb. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs., and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks, 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 3.30 - —
jars, 25 lbs. .....lb. 3.20 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, cryst., bbls., c.l., 100 lbs. 2.90 - —
gran., bbls., c.l., works, 100 lbs. 2.20 - —
l.c.l., min. 20 bbls...100 lbs. 2.80 - —
less than 20 bbls., dlvd. N.Y..100 lbs. 3.15 - —
Molybdate, tech., anhyd., kgs., lb. No prices.
cryst.. kgs.....lb. No prices.
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, c.l., 100-lb. bgs., Jan.-June dlvy., f.o.b, cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis, ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.80 - —
powd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .07 - —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08¼- —
l.c.l. .....lb. .06½- .11⅛

Soda nitrite l.c.l. price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs .....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l. works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l. 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .10 - .11⅛
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09½- —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y..100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. .05¾- .06
import, bbls.....lb. .05¾- .06
Stannate, dms.....lb. .28 - .31
Stearate, lump, powd., bbls., works..lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works.. 100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
l.c.l. .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP., kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent naphtha, high-flash, dms., works, frt. equald. gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works.gal. .30 - —
Nitrate, vis.....oz. .32%- .34%
Sorbitol, com'l, solut., dms., c.l., works..lb. .19 - —
l.c.l. .....lb. .20¾- —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .19 - .20
Spikenard root, bls.....lb. .14 - .16
Spruce extract, bbls., works...lb. .01⅝- —
tanks, works.....lb. .01¼- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01⅞- —
tanks, works.....lb. .01⅜- —
Squawvine leaves, bls.....lb. .16 - .17
Squill red, bls.....lb. .14 - .15
White, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .05 - .06
Starch, corn, pearl, bgs..100 lbs. 2.98 - 3.18
powd., bgs.....100 lbs. 3.08 - 3.28
Potato, dom., bgs.....lb. .03½- .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick boil, bbls.....lb. .06¾ Nom.
Staveacre seed, bgs.....lb. .17 - .18
Stearin, oleo, bbls.....lb. .07¼- .08
Stillingia root, bls.....lb. .09½- .10
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .11 - .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars, 25 lbs.....lb. 2.70 - —
bots., 5 lbs.....lb. 2.75 - —
Nitrate, dom., bbls., c.l., works..lb. .08¼- —
25 bbls. and over.....lb. .08¾- —
1-4 bbls. and over.....lb. .09¼- —
import, bbls.....lb. .08¼- .09¼
Strophanthus seed, Kombe, bgs.lb. 1.25 - 1.30
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arensite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Styralyl acetate, bots.....lb. 6.75 - 7.00
Sucrose octa - acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls, c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 2.20 - —
fib., dms., 1,000 lbs., 1 delivery. lb. 1.25 - —
100 lbs.....lb. 1.50 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works...100 lbs. 3.35 - 3.75
bbls. wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works. 100 lbs. 1.65- —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.25
bbls., works.....100 lbs. 2.80 - 2.70
extra fine, bgs., c.l., works. 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works.100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..... 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works. 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs, c.l., works..100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.50 - —
l.c.l., bgs., works...100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works .....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .19
multi-unit cars, works..lb. .07½- .10
Iodide bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Sicilian, bls....ton.63.00 - —
leaf, bales.....ton.68.00 - —
Extract, 42°, bbls.....lb. .05½- .06¾
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .08½- .09¼
Berries, bgs.....lb. .06½- .07
Sunflower seed, Calif., large, bgs., lb. .05¼- .05½
medium, bgs.....lb. .05¼- .05¾
poultry, bgs.....lb. .05 - .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 9.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.50 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .85 Nom.

T

Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-88 %, 325 mesh, bgs., c.l., mills..ton.15.25- —
l.c.l., mills.....ton.17.25 - —
99.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.00 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.f., dlvd....ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .07¼ Nom.
extra, loose, works.....lb. .06½- —
special, loose, works.....lb. .05¾- .06
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .05½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l .....lb. .08 - —
50% (49% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .06½- —
Tamarinds. W. I., bbls.....lb. .06 - .06¼
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk.....unit-ton. 3.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 3.00 - .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk
high-grade feeding, bulk, Chicago.....unit-ton. 2.75 & .10
Chicago..unit-ton. 3.25 & .10
import., cs. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt. unit-ton. 3.45 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03¼- .03¼
Tar acid oil, 15%, dms., c.l., works..gal. .22½- —
l.c.l., same basis.....gal. .25½- —
25%, dms., c.l., works....gal. .26½- —
l.c.l., same basis.....gal. .29½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .30 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cns.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .28 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21¾- —
tech., dms.....lb. .09½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .18¼- .18¾
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 8.15 - 8.20
25 lbs.....lb. 8.25 - 8.30
Tin crystals, bbls., kgs.....lb. .33½- .34
Metal, Straits.....lb. .41⅜- —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls...lb. .21 - —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse...lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons), E., frt. alld..lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
phthalate-treated, bgs., c.l., (20 tons) E. frt. alld..lb. .24 - —
Pac. cst., f.o.b. terminal.....lb. .24 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24½- —
Pac. cst., ex whse..lb. .24½- —
50-999 lbs., E. dlvd..lb. .24¾- —
Pac. cst., ex whse...lb. .24¾- —
under 50 lbs.....lb. .27 - —
bbls., c.l. (20 tons) E. frt. alld..lb. .24¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24¾- —
50-999 lbs., E. dlvd....lb. .25 - —
pigment, barium, calcium, or magnesium base, bgs., c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., E. dlvd.....lb. .06¼- —
Pac. cst., ex whse..lb. .06½- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .06¼- —
l.c.l., E. dlvd.....lb. .06¾- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .45 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .26 - .27
root, bls.....lb. .30 - .31
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, c. .77 - —
l.c.l. works.....lb. .80 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene (Trimerene), works, frt. alld. Zone A..lb. .089 - —
l.c.l., dms.....lb. .094 - —
Zone B, c.l.....lb. .104 - —
l.c.l., dms.....lb. .109 - —
Zone C, dms., l.c.l.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .48
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .30 - —
tech., 1, dms., c.l.....lb. .24½- —
5 to 28 dms.....lb. .25 - —
less than 5 dms.....lb. .28 - .39
2, dms., c.l.....lb. .23½- —
5 to 28 dms.....lb. .24 - —
less than 5 dms.....lb. .27 - .38
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .38
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb. No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .06 - .06½
Madras, bgs.....lb. .06½- .07

Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .36¼- —
l.c.l., 10, ex dock.....gal. .38¼- —
5, ex dock.....gal. .40¼- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .31 - —
l.c.l., dlvd.....gal. .34 - —
tanks, dlvd.....gal. .26 - —

Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
low-acid, 42% N. bgs., 20 tons, f.o.b. Atl. or Gulf ports or Belle, W. Va.....ton.67.00 - —
bulk, same basis.....ton.64.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. 1.04 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .12 - .13
Valonia, beards, bgs., shipt...ton.50.00 - —
Cups, bgs., shipt.....ton.35.50 -37.50
Vanilla beans, Bourbon, tins...lb. 3.35 - 3.75
Mexican, tins.....lb. 4.25 - 4.50
cut, tins.....lb. 4.00 - 4.25
South American, tins.....lb. 4.00 - 4.25
Vanillin, ex eugenol, 25-lb. tins. lb. 3.10 - —
5-lb. tins.....lb. 3.20 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .58 - .60
Tree bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.39.75 -41.75
Extract, bbls.....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .16¾- .17
Bees, white, bleach, slabs, cs., 500 lbs. .39 - .45
yellow, crude, Africa, bgs., lots of 10..lb. .25 - .25¼
1 bg.....lb. .25¼- .26
Wax, bees, Brazil, Chile, bgs., 5-10 tons..lb. .26½- .27
1 ton.....lb. .27 - .27½
500 lbs.....lb. .27½- .28
100 lbs.....lb. .28 - .28¼
refd., slabs, cs., lbs...lb. .35 - .39
Candelilla, bgs., 1 ton.....lb. .13¾- .14
jobbing lots.....lb. .14 - .14½
Carnauba, No. 3, bgs., chalky, 1 ton..lb. .33½- .34
5 bgs.....lb. .34 - .34½
1 bg.....lb. .34½- .35
N. C. 2, bgs.....lb. .39 - .40
N. C. 3, bgs., 1 ton.....lb. .33½- .34
5 bgs.....lb. .34 - .34½
1 bg.....lb. .34½- .35
refined, bgs. .....lb. .37½ .38
yellow, No. 1, bgs., 1 ton..lb. .41 - .43
5 bgs .....lb. .41½ .43½
1 bg.....lb. .42 - .44
No. 2, bgs.....lb. .40 - .41½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p.,bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¼- .10½
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11½- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs .....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., bots., 5 lb. 1.69 - —
dms., 50 lbs., or more...lb. 1.56 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
Whiting, chalk, gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.09
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton.. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF. bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs....lb. .10 - .11
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .08½- .09

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
nitration tanks, E. of Omaha, frt. alld...gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt., alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....lb. .38 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst,, cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .51 - —
smaller lots, same basis, lb. .56 - —
kgs., ton lots, same basis,.lb. .56 - —
smaller lots, same basis, lb. .61 - —
sulphide, orange, bbls., works, lb. 1.50 - 1.60
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Yellow, Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import, lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03- —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans.... lb. 02575- —
New York.....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle..lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02¾- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth,, bbls., c.l., works...lb. .06½ —
l.c.l., works .....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08½- .10
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc, acetate, USP., bbls., 250 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, ogs., cs., c.l., dealers, E. of Rockies..lb. .13 - —
c.l., bgs., cs.....lb. .13½- —
Arsenite, bgs., cs., c.l., dealers, E. of Rockies..lb. .13 - —
W. of Rockies, bgs.....lb. .13 - —
l.c.l., bgs., cs.....lb. .13¼- —
W. of Rockies, bgs.....lb. .13¼- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .30 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works... 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
gran., U.S.P., dms., 200 lbs.. solution, dms., works....lb. .04½- —
tanks, works.....lb. .0225- —
lb. .25 - —
jars, 25 lbs.....lb. .31 - —
Cyanide, kgs., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0740- —
l.c.l., bbls., dlvd.....lb. .08 - —
Fluoride, bbls.....lb. .20 - .35
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac, cst., lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse..Pac.cst.lb. .06¾- —
35%, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06½- —
bbls., c.l., dlvd....lb. .06½- —
l.c,l., dlvd., except Pac, cts..lb. .06½- —
ex whse., Pac. cst.lb. .06½- —
Zinc, oxide, pigment., dom., Amer. process, leaded, 50%, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06½- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst.lb. .06¾- —
French process, coml., lead-free, bgs., c.l., dlvd., lb. .06¼- .07½
l.c.l., dlvd,, except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac cst.lb. .06¾- .08
green seal, bgs.,c.l.,dlvd., lb. .08 - —
l.c.l., dlvd,, except Pac cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l,, dlvd., lb. .07½ —
l.c.l., dlvd., except Pac. cst...lb. .07¾- —
ex whse., Pac. cst.lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst.lb. .08 - —
white seal, bgs., c.l., dlvd., lb. .08½- —
l.c.l,, dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst.lb. .08¾- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c,l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst.lb. .09 - —
import., gold seal, cks, ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
Oxide, U.S.P., bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms,, dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - -
less than 1,000 lbs..lb. .23 -
U.S.P., bbls. .....lb. .21 - .23
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
l.c.l. .....100 lbs. 3.90 - —
bbls., c.l.....100 lbs. 3.30 - —
c.l. .....100 lbs. 4.00 - —
flake, bgs., c.l.....100 lbs. 3.00 - —
l.c.l. .....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.75 - —
l.c.l. .....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.00 - —
l.c.l. .....100 lbs. 5.75 - —
bbls., c.l .....100 lbs. 5.15 - —
l.c.l. .....100 lbs. 5.90 - —
Sulphide, bgs., c.l. (30 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l., (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .28
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04½- .04½
white, 95%, grd., kgs., works. lb. 1.40 - 1.60

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the January 3 issue; the next printing will be in the February 7 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials Market, which begins on page 29.

Dividends Declared Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Amerada Corp.	Com.	Q.	50c.	Jan. 31	Jan. 15
American Home Products Corp.	.....	Mo.	20c.	Feb. 1	Jan. 14
Archer-Daniels-Midland Co.	Pfd.	Q.	$1.75	Feb. 1	Jan. 21
All-Penn Oil & Gas Co.	.....	Q.	10c.	Jan. 15	Jan. 10
American Can Co.	Com.	Q.	$1.00	Feb. 15	Jan. 25
Barnsdall Oil Co.	Com.	Q.	25c.	Feb. 1	Jan. 13
Bessemer Limestone & Cement Co.	Pfd.	Acc.	$3.00	Dec. 27	Dec. 18
Bon Ami Co.	A	..	$1.00	Jan. 31	Jan. 15
Bon Ami Co.	B	..	62½c.	Jan. 31	Jan. 15
British American Oil Co., Ltd.	.....	..	25c.	Jan. 3	Dec. 17
Cerro de Pasco Copper Corp.	Com.	..	$1.00	Feb. 1	Jan. 18
Hercules Powder Co.	Pfd.	Q.	$1.50	Feb. 15	Feb. 4
MacAndrews & Forbes	Com.	Q.	50c.	Jan. 15	Dec. 31
MacAndrews & Forbes	Com.	Ext.	50c.	Jan. 15	Dec. 31
MacAndrews & Forbes	Pfd.	Q.	$1.50	Jan. 15	Dec. 31
Royal Dutch	Ord.	Int.	6%	.....	.....
Royal Dutch, N. Y. shares	.....	Int.	6%	.....	.....
Skelly Oil Co.	Pfd.	Q.	$1.50	Feb. 1	Jan. 14
Sun Ray Drug Co.	Com.	Q.	50c.	Jan. 27	Jan. 17
Sun Ray Drug Co.	Com.	Ext.	20c.	Jan. 27	Jan. 17
Walgreen Co.	Com.	Q.	50c.	Feb. 1	Jan. 15
Walgreen Co.	Pfd.	Q.	$1.12½	Mar. 15	Feb. 25
Westvaco Chlorine Prod.	Pfd.	Q.	37½c.	Feb. 1	Jan. 14

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district office or cooperative office of the bureau and not to this publication. When writing give the number of the item:—

Biologies and serums:—Agency; Ciudad Trujillo, Dominican Republic (5096).

Brushes, paint, flat and round:—Agency, Buenos Aires, Argentina (5098).

Bronze powders, one ton monthly:—Purchase; London, England (5099).

Chemicals, industrial:—Agency; Monterrey, Mexico (5102).

Chemicals, tanning:—Agency; Buenos Aires (5098).

Colors, mortar and cement:—Purchase and agency; Kingston, Canada (5125).

Copper sulphate:—Agency, Sao Paulo, Brazil (5097).

Earthenware, vitreous:—Purchase and agency; Newcastle, England (5109).

Glass containers, standard size, for vacuum bottles, 150,000:—Purchase, Warsaw, Poland (5138).

Inks:—Agency; Calcutta, India (5095).

Manicure preparations:—Agency, Calcutta, India (5095).

Paint and varnish raw materials:—Agency; Buenos Aires, Argentina (5098).

Paraffin wax and oil:—Agency; Stockholm, Sweden (5122).

Thermometers, industrial: — Purchase; Montreal, Canada (5132).

Iranian drug and cosmetic importers and dealers have been listed by the Bureau of Foreign and Domestic Commerce of the United States Department of Commerce. Copies of the list may be obtained by accredited American firms at 10 cents each from the chemical division of the bureau.

Oil, Paint and Drug Reporter

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Vol. 133 January 24, 1938 Number 4

Pull Down Spite Fences

The most encouraging indication of real progress that has come in the welter of attempts to effect business recovery is found in the apparent outcome of the conference of the President of the United States with the Business Advisory Council. This group of business men talked business in their discussion of problems in the solution of which it is plain that both government and business must have a part. The council offered cooperation on behalf of business on a definite basis. The President made it clear that he desired cooperation, but that it should be representative of business as a whole.

The task of getting the views of the several elements of business is not a difficult one. The President is already carrying out his expressed intention to get these views. Then will come the real job—that of reconciling the differences that will mark the views of the several elements—and for that job business, as a whole, must prepare itself. A promising method of tackling this job was experimented with under the NRA. Surely enough has been learned since then to enable the several elements of business to go to work for the real purpose.

The time has come to pull down all spite fences—those erected by the several elements of business in their family quarrels, and those erected by one or another element of business in its quarrel with government, and also those set up by government in its refusal to give business a proper hearing. It cannot be denied that these spite fences are obstacles in the path of economic progress, as well as obstructions to the clear view which conditions require of all those concerned.

No one element of business—not ownership, not management, not wage-earners—should expect to be accepted as the spokesman for business in the advising for which the President has asked. No one of them should be accepted, nor should it be favored if the already overlong intransigence be still further prolonged.

Ownership must bring facts and actual figures to the advising. Management must adduce factual evidence that its handicapping comes from without. Wage-earners must show that they understand all that cooperation means. The atmospbere must be properly reconditioned.

Income Comes From Selling

Once again the arguments about why there is a recession or a relapse into the depression are getting around to the deadlock of whether the slowness of business recovery and the lack of economic stability and the absence of all the other things which are regarded as factors in the composition of "good times" are the result of curtailed production or of inadequate buying power.

Very serious attention is being paid to the pronouncement of an economist of renown that the only way to increase the national income is to instigate a larger production of goods and services. This profound utterance throws no light on the question of how and by whom this larger production is to be paid for. It fails to take into consideration the patent fact that a large portion of a not inordinately large production piled up on the shelves and in the warehouses of the nation a few months ago—and largely because the governmentally bestowed bonus had been spent and other government gratuities had been curtailed.

It is impossible to create income merely by making goods or by setting up more service for their distribution. Only one thing makes income—sales. Only one thing makes sales—spending money in the pockets of the consumer and the will to spend in his head. Where is the consumer to get the money that he can contribute to the national income? He must earn it—or get it from the government. The latter method should be "out" at least to the extent of 80 percent from now on. Where does the consumer have a chance to earn more money? It is folly to expect industry to put him to work making more surplus goods. The automotive industry has said this, but it is launching some more new products. The answer cannot be given in advance, but it does not lie in the direction of the proposal that the government buy and scrap all the antique cars—paying for them with somebody's money. Whose?

A bigger national income is desirable and necessary. It cannot be created by contributions "in kind." Money counts. Business must learn to live more cheaply, so that it can sell more goods.

—O-P-D—

Clarifying Fair Pricing

Once again it has become evident that, whatever legal means may be available, the sole assurance of success in endeavors to maintain fair competition in resale prices is a real purpose that it be maintained. This is something that no law can provide, because obnoxious coercion would be necessary to effect it. Courage is required to adhere to a purpose of price-maintenance; it was the easy way for one large manufacturer recently to lapse in this respect. It is encouraging that this manufacturer shortly regained its backbone.

What truth there may be in the lapsing manufacturer's charge that dealers were not supporting its price-maintenance efforts can only be surmised. The charge has been denied, but it did more than a little harm to the cause. The whole mess seems to have resulted from the opportunities that fair trade acts present in their inadequate, indefinite wording for conflicting interpretations by the courts. This makes the submission by a local judge of nine clarifying rules for interpretative guidance a matter of more than ordinary importance.

Fair trade acts cannot directly effect fairness in price competition. That objective cannot readily be reached as long as the Federal antitrust acts also are confusingly and indefinitely worded and consequently must be conflictingly interpreted by the courts. There appears to be a growing recognition of the conflicting elements of the antitrust statutes themselves, but the evidence of this recognition does not indicate that the fundamental fault has been perceived. As long as these laws and others of related purpose attempt to deal with two aspects of price competition which are in many ways in direct opposition, that long will interpretative rules be necessary, but also of little value.

Beyond the fair trade acts are the antitrust laws which fail to recognize the fact that price competition cannot at the same time be wholly free and wholly fair. Clarification of the fair trade acts, by interpretative rules or by emendment, can mean but little until the overshadowing antitrust laws have been made adequate to the almost impossible task to which they are directed.

—O-P-D—

Now Looms A Weed Peril

Farmers have many troubles besides those for which certain purposes of the Federal government are designed to provide relief. Some of these troubles are diametrically opposite those for which relief is officially believed to be necessary: they arise from conditions that threaten excessive diminution of crops, and in most instances they are of greater concern to the farmer than is the possibility that excessive production will seriously reduce the unit value of what he grows and may similarly affect his total marketing income. When the curtailment of relief meets that of natural crop enemies the farmer's lot is not a happy one, and the tables of the nation's households are poorly supplied with vegetable viands.

Voracious insects have long been recognized as an enemy of the farmer, taking him by and large—these destructive pests are sometimes regarded as not wholly inimical, because they effect curtailments that keep farm prices up. Fungi are bad for farmers—with the same conditional reservation. The chemical industry has been helping the farmer to fight these two enemies, largely by way of the beneficent offices of government, for a long time. There has been no victory, but a fairly good balance of the status of both sides has been arrived at.

Now comes word of a growing and ominous weed peril. Weeds have been a farmer's plague since early days before the grasshopper or the boll-weevil, San Jose scale or rust was known. "Elbow grease" and "armstrong" power were the efficient remedies until the weeds, like the "bugs" and "molds," demonstrated their full powers of multiplication. Now the National Weed Committee hears from farmers that their weed problem is of national proportions and calls for governmental assistance. The agricultural conception of government bids fair to surpass the theologian's in respect of omnipotence.

The farmer is one of the strongest props of the heavy chemical industry. His needs for its products constantly are increasing. His inability to buy to the extent of his needs is a drawback and one of the reasons why the chemical industry in particular should look further into the possibilities of helping the farmer. Somebody might devise a scheme for killing weeds with sulphuric acid and using the remains for making sulphated paperstock. Stranger things have been done.

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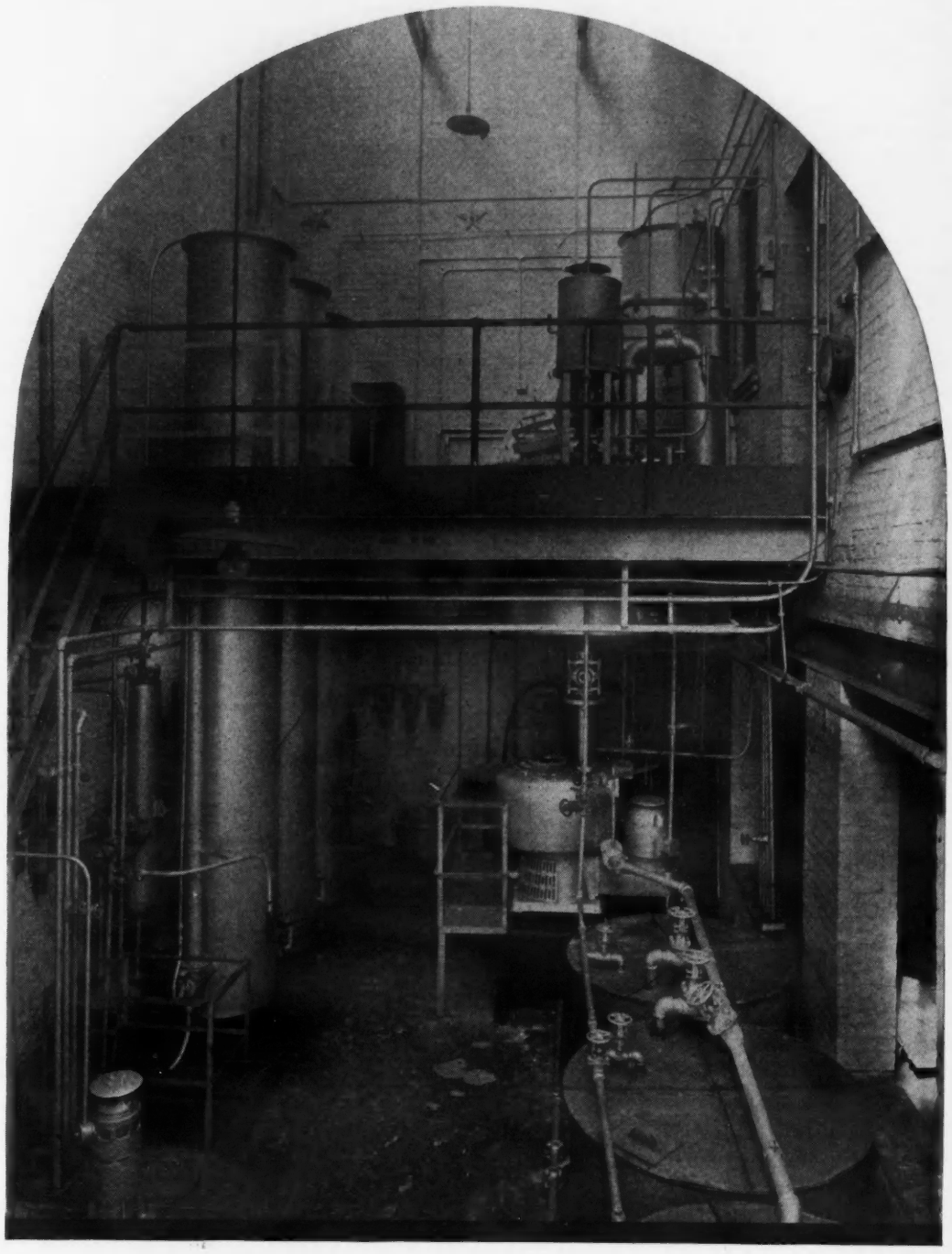

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Ammoniated Mercury
· · Minor Mercurial Salts · ·

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Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Five-hundred-seventy-seventh Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Alphaethylpropylortho-cresol

Disinfectant

Germicide (U.S. 2073995)

Ammonium Acid Diglycollate

Leather

Buffer (Brit. 444184) in—
Obtaining level dyeings with acid or substantive dyes (the dyed effects are said to have great resistance to soap and alkalies)

Ammonium-Titanium Oxalate

Textile

Delustring agent (Brit. 454968) for—
Cellulose acetate yarn
Rayon in the spun form
Regenerated cellulose yarn

3-Butyl-2′:4′-diamino-benzene

Disinfectant

Bactericide and bacteriostatic (U.S. 2030897)

Calcium Ricinoleate

Pharmaceutical

Claimed (U.S. 2019933) to be—
Intestinal detoxification agent suitable for oral administration

Cetyl Thiocyanate

Disinfectant

Parasiticide (U.S. 1993040)

2-Chlor-2′:4′-diamino-azobenzene

Disinfectant

Bactericide and Bacteriostatic (U.S. 2030897)

4′-Chlor-4-hydroxydiphenylmethane

Disinfectant

Claimed (U.S. 1967825) to be—
New bactericide

Chloro-tertiary-butyl-resorcinol

Disinfectant

As a germicide (U.S. 2023160)

Diethylaminoethanol Antimoniate

Disinfectant

Germicide, claimed (U.S. 1988632) to be valuable against infectious diseases

2-Ethoxy-5-acetylamino-diphenyl

Disinfectant

Intermediate (U.S. 2073683) in making—
Bactericides

4-Fluorocumarin

Insecticide

Repellant (U.S. 1995247) in—
Salves used to protect against the incursions of insects transmitting parasites

Hexone

(Continued from January 17 issue)

Metal Fabrication

Solvent in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Solvent in—
Coating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for protecting and decorating various articles
Solvent miscible with most other organic solvents

Paint and Varnish

Ingredient of—
Paint removers
Solvent for—
Cellulose acetate (with ethylene dichloride)
Cellulose ethers (certain types)
Gums
Nitrocellulose
Oils
Resins
Solvent in—
Paints, varnishes, lacquers, enamels, and dopes containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Paper

Solvent in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper and pulp

Petroleum

As a solvent

Pharmaceutical

Solvent for—

Camphor	Mineral oils
Essential oils	Vegetable oils
Fats	Waxes
Gums	

Photographic

Solvent in making—
Films from nitrocellulose, cellulose acetate, or other esters or ethers of cellulose

Plastics

Solvent in making—
Laminated fiber products
Molded products
Plastics from or containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Resins

Solvent for—
Natural and synthetic resins
Solvent in making—
Artificial resins from or containing nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Rubber

Solvent in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Soap

Solvent for—

Fats	Oils

Stone

Solvent in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Degreasing, defatting, and dewaxing agent for—
Textile fibers
Solvent in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Solvent in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as protective and decorative coatings on woodwork

2:3-Hydroxynaphthoic-5′-chlor-2′-methylanilide

Textile

Starting point (Brit. 453953) in producing—
Dyed or printed red colors of fine purity of shade and fastness to kier-boiling with—
2-Amino-4-acetyl-1:1′-diphenyl ether or its 4′-chlor derivative
2-Amino-4-acetyl-3′-methyl-1:1′-diphenyl ether or its 4′-chloro derivative
2-Amino-4-acetyl-4′-methyl-1:1′-diphenyl ether or its 4′-chloro derivative

2:3-Hydroxynaphthoic-3′:4′-dichloroanilide

Textile

Starting point (Brit. 453953) in producing—
Dyed or printed red colors of fine purity of shade and fastness to kier-boiling with—
2-Amino-4-acetyl-1:1′-diphenyl ether or its 4′-chloro derivative
2-Amino-4-acetyl-3′-methyl-1:1′-diphenyl ether or its 4′-chloro derivative
2-Amino-4-acetyl-4′-methyl-1:1′-diphenyl ether or its 4′-chloro derivative

2:3-Hydroxynaphthoic-4′-methoxy-2′-methyl-anilide

Textile

Starting point (Brit. 453953) in producing—
Dyed or printed red colors of fine purity of shade and fastness to kier-boiling with—
2-Amino-4-acetyl-1:1′-diphenyl ether or its 4′-chloro derivative
2-Amino-4-acetyl-3′-methyl-1:1′-diphenyl ether or its 4′-chloro derivative
2-Amino-4-acetyl-4′-methyl-1:1′-diphenyl ether or its 4′-chloro derivative

Lauryl Diethyldithiocarbamate

Insecticide and Fungicide

Anticryptogamic (Brit. 436327)
Insecticide (Brit. 436327)

Lauryl Thiocyanate

Disinfectant

Parasiticide (U.S. 1993040)

Magnesium Ricinoleate

Pharmaceutical

Claimed (U.S. 2019933) to be—
Intestinal detoxification agent suitable for oral administration

Magnesium-Cupro Cyanide

Chemical

Catalyst (Brit. 446411) in—
Halogenating unsaturated hydrocarbons
Starting point (Brit. 446411) in making—
Catalysts with metal chlorides for halogenating hydrocarbons

Mercury Benzotrifluoride

Pharmaceutical

Claimed (U.S. 2050075) to be—
Antiseptic and valuable for other therapeutic purposes in which mercury compounds are employed

Methylglucamine Stearate

Miscellaneous

Detergent (U.S. 1994467)

Insecticide

Emulsifying agent (U.S. 1994467) for—
Insecticides

Octyl Isotellurocyanate

Disinfectant

Parasiticide (U.S. 1993040)

Phenothioxin

Insecticide

Toxicant (U.S. 2049725) for—
Codling moths (claimed to be more effective than lead arsenate)
Houseflies (applied in kerosene sprays)
Mosquitoes (claimed to be as effective as rotenone)

Phenyl-Mercury Fuorate

Disinfectant

Claimed (U.S. 2022997) to be—
New germicide

Potassium-Cupro Cyanide

Chemical

Catalyst (Brit. 446411) in—
Halogenating unsaturated hydrocarbons
Starting point (Brit. 446411) in making—
Catalysts with metal chlorides for halogenating unsaturated hydrocarbons

Sodium Acid Diglycollate

Leather

Buffer (Brit. 444184) in—
Obtaining level dyeings with acid or substantive dyes (the dyed effects are said to have great resistance to soap and alkalies)

Sodium-Zinc Cyanide

Chemical

Catalyst (Brit. 446411) in—
Halogenating unsaturated hydrocarbons
Starting point (Brit. 446411) in making—
Catalysts with metal chlorides for halogenating unsaturated hydrocarbons

Stearyl Thiocyanate

Disinfectant

Parasiticide (U.S. 1993040)

2:2:10:10-Tetramethyl-6-carboxyundecane

Disinfectant

Bactericide claimed (U.S. 2032159) to be very efficient

Heavy Chemicals

Soda Silicate Higher—Calcium Chloride Demand Good—Copper Reduced—Black and Red Oxides of Copper Lower—Alkalies Steady—Tin Salts Irregular—Sulphuric Acid Quiet

A broader inquiry was experienced in the market for industrial chemicals during the week just ended. Although manufacturing consumers are inclined to order out supplies in moderate quantities, some improvement in demand was displayed as the result of depleted inventories and a slight improvement in certain basic industries. Changes in the market included higher prices for soda silicate, and a reduction in prices for electrolytic copper, black and red oxide copper, of monohydrated copper, tin crystals and anhydrous tetrachloride of tin.

An upturn in automobile operations was shown again last week. Steel operations also were higher for the third consecutive week. These upturns were construed as hopeful signs, together with the continuance of conferences in Washington relative to more effective cooperation between government and business.

Domestic copper was further reduced. Continuance of a small demand during the week caused the reduction. Black and red copper oxides also moved down in sympathy with the decline in the basic metal. Monohydrated copper sulphate was quoted fractionally lower. Tin crystals and anhydrous tetrachloride of tin were slightly lower, reflecting the easier tone for Straits tin. A good demand continued for calcium chloride for ice control work in various sections of the country. The less than car-lot prices for calcium chloride were displaying a steady to firm tone, with takings from small consumers resulting in a substantial movement. Calcium acetate was steady to firm.

Bleaching powder was steady, with a better inquiry prevalent in this market. Chlorine remained firm, although withdrawals against contracts were slow. Alkalies were irregular, prices were well maintained. Sulphuric acid continued quiet.

Alums.—A firm tone ruled for iron-free alum, with the demand irregular. Ammonia and potash alums continued steady, with prices unaltered from preceding period.

Ammonia, Anhydrous.—A fair inquiry was noted in this market again last week, prices were steady to firm. November exports amounted to 85,296 pounds, valued at $14,031, of which 20,241 pounds went to Mexico, 14,357 pounds to Cuba, 6,905 pounds to Colombia, 3,726 pounds to Panama, 3,014 pounds to Peru, 3,914 pounds to Venezuela, 5,105 pounds to British Malaya, 7,500 pounds to Philippine Islands, and 8,800 pounds to the Union of South Africa.

Ammonia, Aqua.—A fair demand continued to be experienced in this market last week, with prices being maintained at previous levels.

Ammonia Carbonate.—A firm tone prevailed in this market during the week under review, although demand continued highly irregular. Prices ruled unchanged.

Antimony.—There was little to report in this market during the week just ended. Price for spot domestic antimony metal remained unchanged at 13¾c. per pound.

Antimony Oxide.—A fair inquiry was reported in some quarters for this product, with prospects for more activity in the near future encouraging. Prices were maintained at levels reported in the preceding period.

Arsenic.—Business in the market for white arsenic continued slow, reflecting the mixed trend of operations in certain consuming industries. Prices ruled unchanged. Demand for red arsenic was highly irregular, with quotations unaltered.

Barium Salts.—An irregular demand prevailed in the market for barium chloride, although prices were steady to firm. Barium carbonate and hydrate experienced a fair inquiry; prices were held at previous levels.

Bleaching Powder.—A better inquiry was prevalent in this market during the week just ended, with some consumers apparently ready to replenish their depleted inventories. Quotations ruled steady to firm.

Blue Vitriol.—The call for copper sulphate continued moderate throughout the week, with prices remaining at levels previously in force. November exportss of copper sulphate totaled 2,222,868 pounds, valued at $98,077, of which 1,881,750 pounds went to Honduras, 254,224 pounds to Mexico, 55,225 pounds to Canada, and 14,875 pounds to Cuba. Prices for monohydrated copper were slightly lower at 9c. to 10c. per pound for car lots, and 9¼c. to 10¼c. for less than car lots.

Calcium Acetate.—Demand in the market for this product was fair throughout the week. Prices were reported steady to firm.

Calcium Carbide.—A fair inquiry continued to prevail in this market during the week just ended. Prices ruled firm. November exports amounted to 881,403 pounds, valued at $27,884, of which 808,576 pounds went to the Philippine Islands, 3,350 pounds to Canada, 17,280 pounds to Nicaragua, 6,300 pounds to Dominican Republic, 6,055 pounds to Colombia, 12,100 pounds to Venezuela, and 10,000 pounds to Australia.

Calcium Chloride.—A good demand continued in evidence again last week as the result of continued cold weather in various sections of the country.

Calcium Phosphate.—Demand from dentifrice manufacturers was fair. Prices were unchanged.

Chlorine.—A firm tone continued to prevail in this market last week, although withdrawals against contracts continued rather slow. Sellers are anticipating a better demand in the near future. Quotations were unaltered.

Copper.—Price for copper in the domestic smelting field was reduced to 10¼c. per pound, delivered Connecticut Valley base. Primary producers were quoting 10½c. per pound, delivered Connecticut Valley. A slackening in demand caused the reduction. Export copper business noted a slackening; prices ranging from 10.71c. to 10.375c. per pound, c.i.f. European base ports. World stocks of refined copper increased 57,900 tons during December. The total supply on hand here and abroad at the end of the month was 471,751 tons, against 413,840 tons at the end of November. Stocks of domestic refined copper increased 38,230 tons, according to the Copper Institute. Estimated total supply at home on December 31 was 259,900 tons, against 221,670 tons at the end of November. Smelter production of copper from domestic ores in 1937 increased 38 percent over 1936, an advance summary to the Bureau of Mines showed. Refinery new production from domestic sources was 25 percent higher, and that from foreign sources was 41 percent higher than in 1936, reflecting increased importation of crude copper materials. The smelter production of copper, the bureau de-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Soda silicate, 52°, 5c. per 100 lbs.

Reduced

Blue vitriol, monohy., ¼c. per lb.
Copper, electrolytic, ⅝c. per lb.
oxide, black, ⅝c. per lb.
oxide, red, ⅝c. per lb.
Tin crystals, ½c. per lb.
tetrachloride, anhydrous, ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.5	154.5	154.5	153.9

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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Calcium Chloride

Caustic Potash
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Ammonium Chloride

Para-dichlorobenzene

Ortho-dichlorobenzene

Ammonium Bicarbonate

Potassium Carbonate
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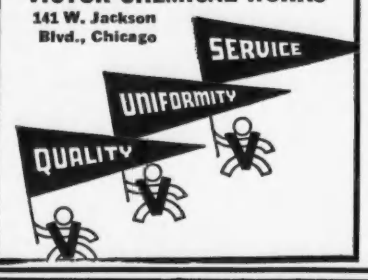

termined, showed actual production for eleven months and estimated production for December, 1937, of 1,687,000,000 pounds.

Copperas. — An irregular call was noted in this market during the week under review, but prices were retained at previous levels. Steel operations last week were estimated at 29.8 percent of capacity, as compared with 27.8 percent in the preceding week, and 80.6 percent in the corresponding week last year.

Copper Salts. — Prices for black copper oxide were fractionally lower at 14¼c. to 15¼c. per pound, according to quantity. Red copper oxide was listed at 16¼c. per pound. The lower

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prices could be accounted for by the reduction in the basic metal. Demand continued spotty.

Fluorspar. — This market remained about the same as in the previous period, with prices holding unchanged.

Nickel Salts. — A better inquiry was prevalent in this market last week; demand from the plating industry continues irregular. Automobile production last week, however, showed an increase over the preceding period.

Potash Carbonate. — The call in this market continued highly irregular, with prices unaltered from the preceding period.

Potash, Caustic. — A fair demand was uncovered in this market last week. The call came from the soap industry and other usual consumers. Quotations were steady to firm.

Potash Chlorate. — Withdrawals against contracts was proceeding at a fair clip during the week just ended. A moderate call was understood to be coming from the match industry. No change was uncovered in quotations.

Potash Titanium Oxalate. — Business in this market proceeded along routine lines; consumers apparently were marking time. Prices were unchanged at 35c. to 40c. per pound, according to quantity.

Saltcake. — A fair business was experienced throughout the week under review. However, usual consumers were making withdrawals for immediate production requirements only. Prices were steady to firm.

Soda Antimoniate. — The demand continued quiet. Prices were maintained at the same levels published in the preceding week.

Soda Ash. — A firm tone prevailed in this market again last week. The call continued irregular; the irregularity could be attributed to the mixed trend of production schedules in certain consuming industries. No change was uncovered in quotations.

Soda, Caustic.—The call in this market was fair at times last week. Usual consumers were still pursuing a hand-to-mouth buying policy. No change was uncovered in quotations.

Soda, Cyanide.—A firm tone prevailed in this market again last week. The call was confined to moderate proportions, with quotations well maintained. November exports amounted to 39,797 pounds, valued at $6,133, of which 1,563 pounds were shipped to Finland, 2,000 pounds to Canada, 33,629 pounds to Mexico, and 1,600 pounds to Australia.

Soda, Hyposulphite.—This market was about the same as the previous period. Prices were steady to firm at levels published in the preceding period.

Soda, Metasilicate.—No developments of importance were uncovered last week. Prices ruled firm at levels announced the previous week.

Soda Phosphate. — Quiet conditions characterized dealings in this market throughout the week. Prices were unchanged. November exports of mono, di or tri, amounted to 284,031 pounds, valued at $110,242, of which Norway received 8,800 pounds; United Kingdom, 78,400 pounds; Canada, 75,238 pounds; Panama, 20,000 pounds; Mexico, 6,775 pounds; Cuba, 78,650 pounds; Colombia, 7,250 pounds, and Venezuela, 3,250 pounds.

Soda, Silicate.—The call in this market was fair at times. Prices for the 52-degree were 5c. per 100 pounds higher, while the 40-degree quotations were unchanged. November exports totaled 907,089 pounds, valued at $15,300, of which 352,338 pounds went to Canada, 287,404 pounds to Cuba, and 171,355 pounds to the Philippine Islands.

Tin Salts.—Prices for tin derivatives are slightly lower. Tin crystals and tetrachloride of tin were fractionally reduced from the preceding period. Sodium stannate and anhydrous tetrachloride of tin remained about the same as last week. Straits tin was quoted at 41⅝c. per pound.

Acids

Business in the market for mineral acids continued highly irregular. The irregularity in the demand could be traced to the lower trend of operations in certain consuming industries. Sulphuric acid continued quiet, with the demand from the fertilizer industry seasonally quiet. Steel production, although slightly higher last week, was considerably below normal. Automobile production continued to show signs of increased production schedules. Output last week was estimated at 65,735 units, compared with 54,084 in the preceding week, and 85,703 units in the corresponding period last year. Acetic acid enjoyed a fair demand. Battery acid was firm. A better inquiry was uncovered in chromic acid. Nitric and oxalic acids were irregular.

Acetic. — Demand was fair during the week. Prices were steady to firm.

Battery. — Prices were firm. Withdrawals against contracts were proceeding at a moderate pace.

Chromic. — A better inquiry was uncovered in this market, with the call from the plating industry noting some improvement as the result of higher operating schedules in the automotive industry. Prices were unchanged.

Formic.—The market presented very little change from the previous period, sellers reported quotations were well maintained.

Lactic. — Business continued highly irregular, despite the irregularity in the call, prices were steady to firm.

Muriatic. — A fair volume of business was uncovered during the week under review, although commitments were restricted to immediate requirements only. Quotations were steady.

Nitric. — A firm tone prevailed in this market against last week, the demand continuing spotty. Prices were unchanged.

Oxalic. — Although the demand was confined to routine proportions, sellers reported prices remain steady to firm.

Sulphuric. — The market continued quiet. The inactivity could be partially explained by the seasonal influence insofar as the fertilizer industry was concerned, and the low steel operations. Statistics on production, receipts, consumption, shipments, and stocks of sulphuric acid, based on data reported by 58 fertilizer manufacturers for November and previous months of 1937, 64 for the months of 1936, and 69 for the months of 1935, were released by the Department of Commerce. Production of sulphuric acid by fertilizer manufacturers during November, 1937, amounted to 205,796 tons, receipts to 67,886 tons, consumption by reporting manufacturers to 166,778 tons, shipments to 91,709 tons, and stocks on hand at end of month to 91,498 tons. Production during October amounted to 212,258 tons, receipts 59,650 tons, consumption to 166,031 tons, shipments to 101,241 tons, and stocks on hand at end of October to 76,403 tons.

Baltimore, Jan. 19.—With most of the contracts covering needs of consumers in the way of sulphuric acid for the next year placed, marked quiet prevails in the industry. These contracts, it is said, were generally at the figures that have prevailed, though, because of continued production, together with reduced requirements, there is not now a scarcity of supplies, and the urgency of the demand which prevailed during the latter part of 1937 has yielded to relative ease in offerings. According to current reports the quotations on acid have undergone little, if any, change, and the figures named as representing the market still stand at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. The absorption of acid in consuming industries is on the increase at least outside of the fertilizer trade, which applies especially to the steel output, with its tendency to expand again following the drop to the low of years. As for the manufacturers of fertilizer mixtures, they are said just now to face considerable buying resistance, with potential purchasers reluctant to pay the prices set for the various brands of mixtures. This resistance may yield in time, but for the present assumes rather positive form.

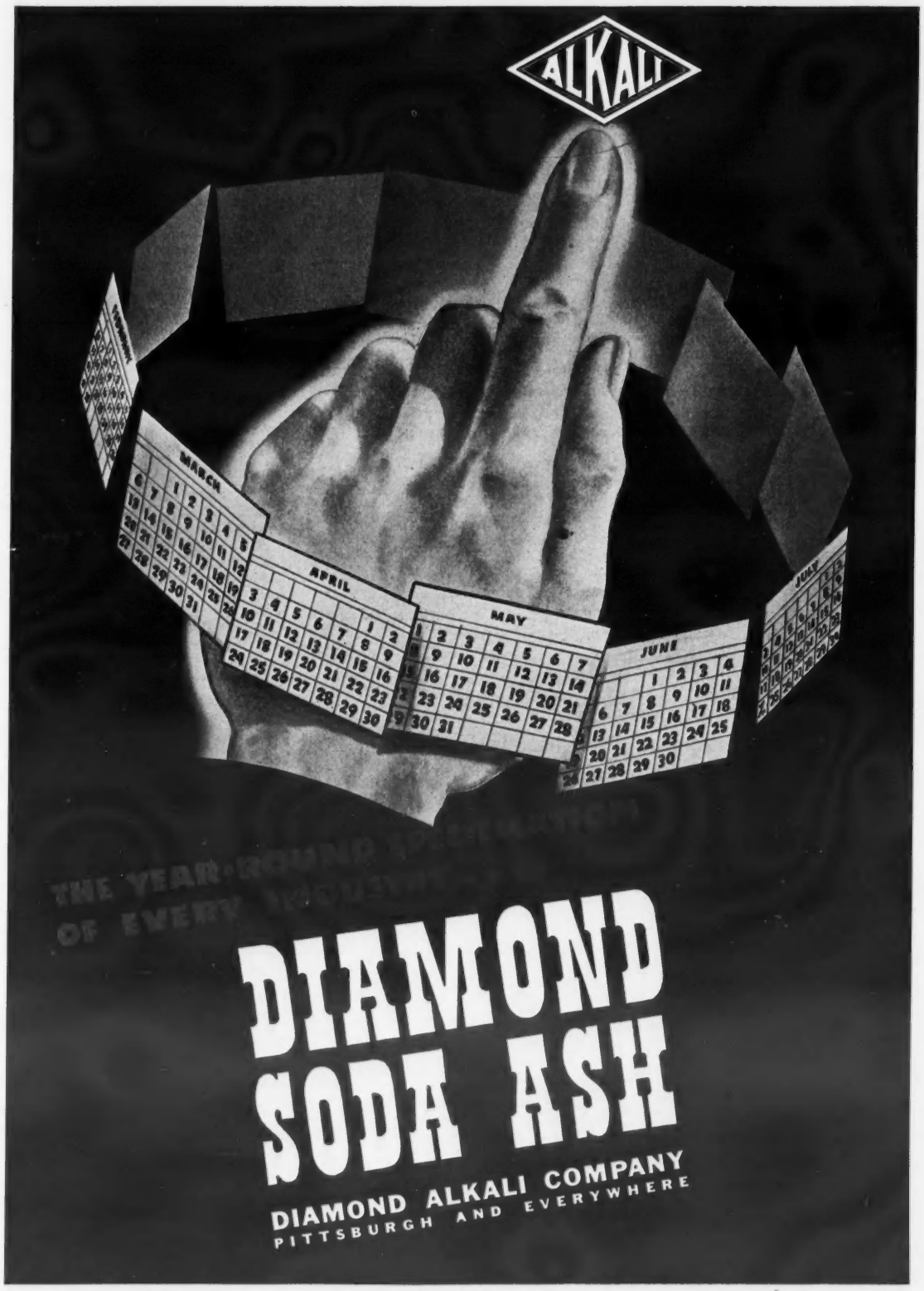
Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Insecticides

Business in the market for agricultural insecticides and fungicides continued quiet. Despite the slow character of business prices were steady to firm. Seasonal influences continue to retard business, but expectations are that activity will develop within the next few weeks. Sellers report that good progress has been made in writing 1938 contract business.

Calcium Arsenate.—A firm tone continued to rule in this market. November exports amounted to 446,000 pounds, valued at $19,841, of which 5,000 pounds went to Salvador; 41,000 pounds to Mexico, and 400,000 pounds to the Peru.

Lead Arsenate. — Seasonal influences restricted demand in this market. Prices were listed at 13c. to 13½c. per pound, East of the Rocky Mountains, according to quantity. West of the Rocky mountains at 13c. to 13¼c. per pound. November exports were 13,476 pounds, valued at $1,343. In previous week exports for November were incorrectly stated.



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Coaltar Chemicals

General Demand Continues Irregular—Benzol Inquiry Good—Fair Demand for Phenol—Toluol Steadier—Cresylic Acid Firm—Intermediates and Colors Remain Quiet

The market for coaltar chemicals continued to experience an irregular demand. An active inquiry was reported for benzol. Phenol shipments were moving against contracts at a fair pace. Cresylic acid was firm. Toluol was irregular, the irregularity could be attributed to the mixed trend of operations in certain consuming industries. Intermediates and colors moved through a quiet week.

Demand for benzol continues good, with sellers reporting that supplies were reaching a low level. This condition reduced production operations in the past few months. However, steel mill operations were improved last week, the American Iron and Steel Institute estimated production at 29.8 percent of capacity, compared with 27.8 percent a week ago, 23.5 percent a month ago, and 80.6 percent in the corresponding week a year ago. A further moderate increase in motor car production was announced last week, with output estimated at 65,735 units, against 54,084 in the preceding week, and 85,703 units in the corresponding week a year ago.

Consumption of crude rubber by manufacturers in the United States last year amounted to 542,947 tons, compared with 575,000 tons in 1936, according to the Rubber Manufacturers Association. Domestic consumption of reclaimed rubber last year totaled 157,990 tons, against 141,386 in 1936.

November exports of rubber compounding agents of coaltar products amounted to 238,998 pounds, of which 79,973 pounds went to Canada; 73,504 pounds to the United Kingdom; 37,812 pounds to Japan, and 12,100 pounds to Finland. November exports of other coaltar products totaled 1,408,829 pounds, valued at $97,175, while other finished coaltar products, exclusive of medicinals, were 421,514 pounds, valued at $112,642.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	123.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—An active inquiry was reported in this market last week. Sellers reported that supplies were reaching a low level, which could be accounted for by the low production prevalent in the past months. Prices ruled firm. For the third consecutive period steel operations were at a higher rate. Operations for the industry as a whole were set at 29.8 percent, compared with 27.8 percent a week ago, 23.5 percent a month ago, and 80.6 percent in the corresponding week a year ago. Consumption of crude rubber by manufacturers in the United States last year amounted to 542,947 long tons, compared with 575,000 in 1936, according to the Rubber Manufacturers' Association. Consumption in December was estimated at 29,160 tons, against 33,984 in November, and 49,754 in December, 1936. Domestic consumption of reclaimed rubber last year totaled 157,990 tons, against 141,486 in 1936.

Creosote Oil.—A firm tone continued to prevail in this market, although usual consumers were making withdrawals for immediate requirements only. November exports amounted to 16,941 gallons, valued at $3,916, of which 9,480 gallons went to Cuba, and 6,200 gallons to Panama.

Cresol.—Business in this market was rather slow at times during the week just ended. Prices ruled unchanged.

Cresylic Acid.—The call from the synthetic resin industry and disinfectant manufacturers was confined to urgent needs only, sellers reported prices were steady to firm.

Naphthalene.—Business in the market for crude napthalene continued quiet throughout the week. The call for refined naphthalene was spotty, with indications improvement will be shown in the near future. Prices remain unaltered.

Phenol.—A fair demand was evident in this market throughout the week under review, with the call coming from the synthetic resin industry and other consumers for moderate quantities. Quotations ruled firm.

Solvent Naphtha.—Quiet continued to to prevail in the market for water white solvent naphtha. Prices were firm. The call for high flash naphtha was irregular. No change was uncovered in quotations.

Toluol.—The demand in this market continued highly irregular. The irregularity in the call could be attributed to the low operations in certain consuming industries. Automotive production last week was estimated at 65,735 units, as compared with 54,084 units in the preceding week and 85,703 units in the corresponding week last year.

Xylol.—A firm tone prevailed in this direction throughout the week. Prices were unchanged. Demand continued spotty.

Chicago Coaltar Bases

Prices of coaltar products have been quiet, and have in general reflected closely the prevailing tone of the market. Purchases are along lines calculated to take up the early needs of buyers. It appears there is little purchasing of a type that could be denoted speculative. Benzol is holding its own. Toluol business is reported as being fair. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Business in this market continued moderate. Prices ruled steady to firm.

Benzoic.—A firm tone prevailed in this market again last week. Usual consumers supplied a good call.

Gamma.—There was little to report in this market again last week. Quotations were steady to firm, demand was irregular.

Picric.—A steady tone prevailed in this market during the week under review, no change was disclosed in quotations.

Salicylic.—Usual consumers supplied a fair demand again last week. No change was uncovered in quotations.

Sulphanilic.—This market was about the same as in the previous week. Prices ruled unchanged.

Tobias.—There was little to report in this market, demand was spotty and quotations were firm.

Other Intermediates

Alphanaphthol.—The call consisted of small amounts from the synthetic drug industry and other routine consumers. Prices ruled unchanged.

Anilin Oil.—A firm tone was a prominent factor in this market, although demand was highly irregular. Prices ruled unchanged.

Benzidin Base.—This product experienced a dull demand throughout the week, selling were holding to previous prices.

Dinitrobenze. — Business continued sluggish during the week under review, but a firm tone governed the dealings.

Dinitrotoluene. — Usual buyers continued to cover for immediate production needs, although prices remained steady to firm.

Metatoluylenediamine.—Important developments were lacking in this market again last week, but a steady to firm tone was in evidence.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Nitrobenzene.—A fair inquiry was reported at times throughout the week under review, with prices being well maintained at previous levels.

Orthodichlorobenzene.—A firm tone continued to rule in this market during the week; a fair call was supplied by the lacquer trade and other consumers. Prices were unaltered.

Paratoluidin.—Although the market was strictly a routine affair, sellers reported prices displayed a firm tone.

Phthalic Anhydride. — Withdrawals against contracts were proceeding at a slow pace last week, with prices holding firm at previous levels.

Coaltar Colors

Business in the market for coaltar colors was highly irregular throughout the week. Prices were steady to firm. There is a better tone to the cotton goods market and sales of some grades have been heavy during the week. New England textile mills also found better business. Little change has occurred in the woolen end of the industry. Mills making women's wear are a little more active but still on part time, and there is very little business in men's wear. Exports of coaltar dyes from the United Kingdom during the eleven months ended November 30, 1937, increased to 107,538 hundredweights from 95,187 and 91,713 hundredweights in the corresponding periods of 1936 and 1935, respectively.

Glidden Co. Acquires Southern Pine Chemical

Stockholders of the Glidden Company, at a special meeting January 20, approved the acquisition of the assets of the Southern Pine Chemical Company for 34,697 shares of common stock of the Glidden Company at $30 a share. This will bring into the Glidden organization four additional wood chemical plants. Sales of the newly acquired company for 1937 were approximately $800,000.

R. H. Horsburgh, senior vice-president and treasurer, resigned as treasurer, although continuing as senior vice-president. John A. Peters, assistant treasurer, was elected treasurer. Clifton M. Kolb was added to the board, increasing it to eight members.

Compressed Gas Ass'n Meeting Reviews Progress

—*Continued from page 5*

advantages. He also touched upon the commercial transportation of sulphur dioxide, and stated that, of current production, 50 percent is consumed in refrigeration, the remainder being utilized in various chemical uses.

Harry M. Mabey, of Mathieson Alkali Works, this city, presented a paper on the transportation of compressed gases. He traced the development of transportation methods during the last twenty-five years, and the evolution of regulations and rate determinations with regard to the transportation of compressed gases and dangerous articles.

The convention closed with the annual reception and banquet, held in the Waldorf-Astoria, at which Judge I. J. Meekins, United States district court judge, and E. M. Allen, president of Mathieson Alkali Works, were the speakers.

Mr. Allen in his address discussed "Statesmanship in Business." He stated that although the objectives of industry and government are unlike—that of industry being profit, that of government, service—both have common basic principles and purposes. Both must be just, honest, and efficient, and both must have vision. Continuing, he said:

It is industry, through vision, ability, and effort, which has created more jobs at better pay. It is industry which has found new and easier ways to do old things better, and make tasks easier. It is industry which has built better and cheaper homes, automobiles, and the thousands and one things that make life easier. It is true that not all business men lend themselves to all such contributions, but the records will show, when examined fairly and interpreted accurately, that the improvement of our social order is a true mark of statesmanship, and most of our nation's greatest statesmen have never held public office.

All industry hesitates, at present, to go ahead, because we all know that there must first come a rationalization of Federal spending, and of equal importance, the stabilization of our labor situation. Uncertainty, resulting from broken labor contracts, uncontrolled labor, strikes, coupled with a one-sided, defective national labor act and the existent tax laws, does not encourage planning and growth on even a normal basis. These fundamentals cannot with honesty be denied, and I feel sure that industry and business generally will continue to follow extremely conservative policies, until there is conclusive evidence of a more moderate governmental attitude toward business. There must be a stoppage of attempting to array class against class. There must be a stoppage of playing politics with the very existence of the citizens of this country.

Petroleum Refining Patent Denied Taylor, Lounsbury

The United States Court of Customs and Patent Appeals has affirmed a decision of the United States Patent Office denying the patentability of eleven claims of an application for a process of petroleum refining. The applicants were Jack Francis Mahon Taylor, San Francisco, and Harold I. Lounsbury, Martinez, Cal.

The process for which patent was sought makes use of sulphuric acid in certain refining processes, the applicants claiming that by a novel combination of steps "individually old" they have achieved improved results in a higher degree of desulphurization than was accomplished by the prior art. The court had difficulty in "finding just where or how the appellants have combined the admittedly old steps in any novel manner which required the exercise of invention," and remarked that, even if improved results were achieved, that in itself would not render the process patentable.

Paint Chemists Dine Jan. 26

The paint chemists group of the Chemists' Club, this city, will have its next informal dinner January 26 in the club at 7:00 p.m. An informal program will be carried out. Members of the club are invited to bring non-member guests.

S.O.C.M.A. Has New Telephone

The telephone number of the office of the Synthetic Organic Chemical Manufacturers Association, 260 West Broadway, this city, has been changed to WAlker 5-4444.

R. A. Hendrickson has been named manager of the oil section of the Crane Company, Chicago.

Florida Paper Mill Dedicated to Dr. Herty

—*Continued from page 4*

Asserting that the development thus far in the South was only the beginning for still greater industries that are to come in the form of white paper, Dr. Herty continued:—

This pine of the South, and I say so based upon my observations in the laboratory, has all the properties that will make it valuable for bookpaper, for bond paper and for rayon but above all for newsprint. I want you to take home this one thought that the greatest prize ahead for the South for its greatest industrial advancement is going to be newsprint.

I hope to live to see the time when the financial leaders of the South will arouse themselves and see to it that newsprint mills may develop in our midst by Southern capital so that the profits of those mills will stay at home and help develop still further this great Southern country.

Besides Dr. Herty, the other speakers included Governor Fred P. Cone, Senator Claude Pepper, Daniel C. Roper, Secretary of the Department of Commerce, and James G. Stahlman, president of the American Newspaper publishers Association. Dr. Herty was also a guest of honor at a dinner in Jacksonville January 14, given by Governor Cone, in which approximately 100 industrialist, financiers and Federal and State officials participated.

G. F. Coope, president of the Potash Company of America, this city, visited the Baltimore office last week.

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Dyestuffs, Textile and Leather Chemicals

Domestic Egg Albumen Lower—Corn Derivatives Steady—Sago Flour Reduced—Annatto and Cochineal Continues Quiet —Bichromates Firm—Myrobalans and Sumac Unchanged

Business in the market for dyestuffs and tanstuffs was spotty during the week just ended. The spottiness could be attributed to the disposition of manufacturing consumers to order for immediate production requirements only. Manufacturing activity made a few gains. Shoe plants booked sufficient orders to lift operations. Textile mills in New England also found business better. Changes in the market included a reduction in domestic egg albumen and sago flour. Imported egg yolk was slightly higher.

Corn derivatives continued steady at the higher prices recently established, reflecting firmness in the basic commodity. Exports of American corn continue good because it is the only supply available to make up the deficiency in the Argentine exports. Imported egg products continue nominal as the result of the depleted stocks. It is understood prospects for Chinese exports are very remote because of the Sino-Japanese hostilities. Dyestuffs were highly irregular, although a better inquiry exists for certain materials to replenish depleted stocks. Annatto and Cochineal continue to display a steady tone. Bichromates were firm. Business in tanning materials was irregular. Myrobalans and sumac were steady to firm, with quotations unchanged from the preceding period. Demand for wool goods this week was generally spotty, but sales were somewhat better than in the past two weeks, and the belief was general that a pick-up would occur in the near future.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Egg yolk, imported, 5c. per lb.

Reduced

Albumen, egg, dom., 15c. per lb., nom.
Sago flour, ½c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155	155.4	155.1	152.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A fair inquiry continued to prevail in this market again last week. Usual consumers, however, were content to cover for immediate production requirements only. Prices were firm.

Antimony Salt.—The demand in this market continued moderate. Prices were listed at 26c. per pound in 600-pound kegs; 27c. per pound in 100-pound kegs and 29c. per pound for less than 100 pounds.

Potash Bichromate.—A fair demand was evident in the market again last week, although consumers were limiting commitments to moderate quantities. No change was uncovered in quotations.

Soda Bichromate.—A firm tone prevailed in this market during the week under review. Prices were unchanged, with demand irregular.

Soda Prussiate. — Developments of importance were lacking last week. Prices were unaltered.

Zinc Dust.—Prices were steady, the steady tone reflecting the continuance of a similar tone in the basic metal.

Dyestuffs

Annatto.—A firm tone was displayed in the paste material, with demand continuing spotty. The seed continued steady, although the call was highly irregular.

Archil.—Shipments were moving out at a slow pace throughout the week. Prices were unchanged. A firm tone was in evidence.

Cochineal.—The call was confined to actual production levels, and quotations were firm at previously established levels.

Fustic.—Developments of importance were lacking, despite the dullness prices were well held at previous levels.

Indigo.—The call for synthetic indigo was highly irregular, prices being unchanged. Business in the natural indigo continues quiet. No change was reported in quotations.

Logwood.—A fair inquiry was noted in this market last week. However, usual consumers continued to pursue a hand-to-mouth buying policy. Quotations were steady to firm.

Quercitron.—Demand was spotty during the week just ended. Prices ruled unchanged.

Sizing Materials

Albumen.—The market for edible egg albumen continued nominal. Domestic prices were listed at $1.10 to $1.15 per pound, according to quantity and imported material was quoted at 85c. per pound. Stocks of imported material on hand are virtually depleted, for continuance of the Sino-Japanese hostilities virtually preclude any imports from China. Indications are that prospects for imports from China are remote. Domestic production is expected to get underway around the middle of February.

Dextrine.—Business in this market continued at a fair pace at times last week. Prices were well maintained at previous levels. Corn grind of eleven manufacturers of corn derivatives for the month of December, 1937, was 4,616,128 bushels, as compared with 6,108,155 bushels in the preceding month. This represents corn ground for domestic use only, according to the Corn Industries Research Foundation.

Egg Yolk.—This market continues nominal, with stocks still at a low ebb. Prices for imported egg yolk were listed at 65c. to 68c. per pound, while the domestic price was quoted at the same level.

Starch.—Prices continued firm in this market during the week. Business continued fair at quotations prevailing in the preceding week. A private estimate placed the corn crop of Argentina at 5,500,000 to 6,000,000 tons. That would provide a surplus for export of 4,000,000 tons, it was estimated. This compared with exports of 9,000,000 tons in 1935-36 and 1936-37. Exports during the first nine months of the 1937-38 season were 6,700,000 tons.

Sago Flour.—An irregular call was noted in this market throughout the week. Prices were listed at 2¼c. to 3½c. per pound, depending upon quality. This represents a reduction of ½c. per pound.

Tanning Materials

Gambier.—Price on the common material remain nominal. Business in the plantation and Singapore cubes was highly irregular, with quotations unchanged from preceding period.

Mangrove Bark.—There was little to report in this market again last week. Quotations remain steady to firm.

Myrobalans.—The call in this market was confined to moderate proportions throughout the week. Quotations for the J1, were listed at $29.50 per ton; J2, $22.50 per ton and the R2, $22 per ton, all unchanged from last week.

Sumac.—A fair inquiry continued to predominate in this market last week. Prices were unchanged at $68 per ton for the leaf material, while the ground was $63 per ton.

Valonia Beards.—A firm tone prevailed in this market during the week just ended. Prices were $50 per ton for the beards and $35.50 to $37.50 per ton for the cups.

Wattle Bark.—The situation in this market presented little change from the preceding period. Quotations remain unchanged from last week.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

N.Y. Textile Chemists Will Meet Jan. 28

New developments in dyeing and finishing machines will be reviewed by George Lane, of the Van Vlaanderen Machine Company, at the meeting January 28 of the New York Section of the American Association of Textile Chemists and Colorists. The meeting will be held in the Swiss Chalet, Rochelle Park, N. J.

C. J. Huber, director of laboratories for the U. S. Testing Company, will speak on "Some Fabric Defects: Their Causes and Possible Prevention." Open discussions will follow the two addresses.

The meeting will begin at 8:00 p.m. and will be preceded by the usual informal dinner at 6:30 p.m. The charge for the dinner will be $1.50, and the customary registration fee of 25 cents will be collected in the business meeting. Guests will be welcome.

Toronto Paint Club Elects 1938 Officers

The Toronto Paint and Varnish Production Club held its December meeting at the King Edward hotel, with fifty-seven members and guests in attendance. C. E. Jones, president, presided. Officers elected for 1938:—President, William Pomeroy; vice-president, R. I. Kellam; secretary-treasurer, William J. Reeves, and assistant secretary-treasurer, Fred Brookbanks.

Upon the conclusion of the business meeting, a dinner, complete in every Yuletide detail, was served. The members and guests indulged in a sing-song with Jack Ayers, genial master of ceremonies, at the piano. A play, "It's Nice Work When You Can Get It," was presented, the leading parts being taken by Miss Lucy Miller, Walter Short, George Rofs and William Pomeroy. After the play a draw for a turkey resulted in E. H. Wolf carrying home the bird. Some informal games rounded out a very successful Christmas party.

Phila Paint Salesmen To Hear Kelly Feb. 4

The Philadelphia Save the Surface Salesmen's Club met at the Penn Athletic Club January 7. Martin Marks, chairman of the entertainment committee, proposed that a "Ladies night" be held March 4. A communication was received from Pieter Schoen and Zoon, Ltd., of Zaandam, Holland, seeking information about the training course and other activities of the National Paint Salesmen's Association.

Secretary H. Lowenstein reported that James C. Kelly, of the New York and New Jersey units of the National Paint Salesmen's Association, would address the club at the February 4 meeting. Entertainment was provided by Al Langish, Martin Marks, Russell Bragg and Artie Bittong. New members included Wilson W. Simpson, Barry S. Mellor, jr., B. W. Rappe, Ward T. Perry and Jos. L. Schwartz. Applications for membership were received from Carl Haner 3rd, of H. Kahn & Co., and Howard W. Breinig, of the Franklin Research Company.

Mexico Raises Duty On Many Articles

—*Continued from page 5*

In addition to the increased duties, alll commodities remain subject to the surtax of 3 percent of the applicable duty.

A cable from the commercial attache at Mexico City stated that greatly increased duties on products covered by 218 classifications of the Mexican import duties, or about one-third of the total number of items, were ordered by the Mexican government in a decree dated December 31, but not published until January 19.

The decree provides that shipments which were under way by December 31 will be assessed at the rates of duty formerly applicable. By a decision of the Mexican secretary of the treasury, however, foreign products which were under way by January 17 will be admitted at the old rates.

These new duties are to remain in effect until April 30, 1938, after which they are to be decreased, but to a level generally in advance of the duties which have prevailed up to now. In his official statement, the Mexican secretary of the treasury declared that the purpose of these increased duties is to effect a better balance between exports and imports, and is not for the purpose of increased revenues.

Unofficial reports indicated that the increases in duties range from 100 to 400 percent and are admittedly prohibitive, and there was also a suggestion that in a number of cases American products are discriminated against in favor of imports from other countries.

American and British oil companies operating in Mexico were ordered January 19 by the Mexican labor board to pay the wage increase of 33⅓ percent which it had ordered a month ago, or face legal consequences. The board's previous order required that higher wages be paid while the question was pending in the Mexican supreme court.

Penalties applicable in the event that the latest order is not complied with include an embargo on properties of the oil companies.

In addition to the labor orders, a royalty situation also confronts the oil industry, and other American interests in Mexico claim to have had property confiscated as a part of the current nationalization program of the Mexican government. The Department of State, however, has apparently taken little official interest in such developments, and did not seem to be concerned with American interests in Mexico until recently when the Mexican government imposed a new excise tax of 3 percent on imported products, a step which threatened to interfere with the department's foreign trade policy. The new rates of duty may bring the entire situation to a head, particularly if it develops that they involve discrimination against American products.

Dr. A. R. L. Dohme has been elected chairman of the board of the Petroleum Conversion Corporation. He had been president of the company and is succeeded in that office by Allison L. Bayles, formerly executive vice-president.

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Paint, Varnish, Lacquer Materials

Trade Activity Halts Abruptly—Carbon Black Holds Unchanged —Rosin Firm Though Quieter—1937 Construction Showed Gain

Almost as quickly as it started right after the turn of the year, buying activity in the paint, varnish and lacquer chemicals market halted abruptly last week. The month started promisingly enough but last week's trade was reminiscent of the dull days of November and December. Except for the maintenance of a fairly steady price structure the turn-about in the market was complete. The recent price gains in the more sensatively priced commodities, particularly lead, were held.

Carbon black prices escaped further reduction up to the moment of this writing but there was a good deal of uneasiness in trade circles as the producers waited to see whether or not the factor that has initiated the long series of reductions would move down below the current 2¼c. per pound basis.

Southern and local markets for naval stores were quieter last week but the ruling tone remained firm. Quotations on some grades of rosin were higher, the dark grades meeting with a better inquiry than other descriptions. Offerings of rosin and turpentine in primary markets were light throughout the week. Receipts were smaller.

Construction undertaken in 1937 reached a six-year peak, according to the Dodge figures. Total contracts awarded in 37 Eastern states attained the highest dollar values since 1931, totaling $2,913,060,000 or 9 percent over the 1936 total of $2,675,296,000. Residential building was greater than any year since 1930, totaling $905,292,800 or 13 percent higher than 1936. Non-residential building amounted to $1,148,172,600, an increase of 20 percent.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rosin, gum, 5c. to 25c. per 280 lbs.
Rosin oil, 2c. per gal.
Rosin, wood, 15c. to 25c. per 280 lbs.
Turpentine, gum, ½c. per gal.
Turpentine, wood, 1c. per gal.

Reduced

Casein, dom., ½c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.6	131.6	131.6	132.7

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The upward movement of lead prices during the two preceding weeks was halted last week. Prices held through the week at 4¾c. per pound, East St. Louis, and 4.90c. to 4.95c. per pound in New York. The demands were not so lively as earlier in the month and there was some evidence of uneasiness in the market perhaps because of the copper market's failure to hold its recent gains. The Bureau of Mines reported lead production in 1937 at 435,500 tons produced from domestic ores, against 387,698 tons in 1936.

Zinc continued at the long standing basis of 5c. per pound, f.o.b. East St. Louis. Zinc sellers did not increase their prices, while other non-ferrous metals were climbing during the past few weeks and hence the reactionary turn in copper did not have much influence here last week. However, the buyers were a little more conservative because of the decline in copper. Sales last week were spotty.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from January 15 to January 21, inclusive, were as follows:—

	Pigs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£ s.	d.
Saturday	$0.0490@.0495	$0.0475	.. ..	..
Monday	.0490@.0495	.0475	16 18	9
Tuesday	.0490@.0495	.0475	16 13	9
Wednesday	.0490@.0495	.0475	15 18	9
Thursday	.0490@.0495	.0475	15 3	9
Friday	.0490@.0495	.0475	15 8	9

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from January 15 to January 21, inclusive, were as follows:—

	Slabs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£ s.	d.
Saturday	$0.0535	$0.0500	.. ..	..
Monday	.0535	.0500	15 11	3
Tuesday	.0535	.0500	15 7	6
Wednesday	.0535	.0500	14 6	6
Thursday	.0535	.0500	14 12	6
Friday	.0535	.0500	14 8	9

Pigments

While there was a day-to-day run of orders for spot needs, most of the sellers of opaque pigments reported the market as having been considerably less active than a week ago. Buyers showed a distinct hesitancy to order for stock and limited their operations to prompt or nearby needs. Recent gains in lead values held during the week but a reactionary price trend in London took some of the earlier buoyancy out of the market. So far, January pigment sales compared favorably with those of the same month last year and were larger than the movement of materials during December.

White Lead.—The demand from manufacturing consumers of dry material was fair. The receipt of orders was not so heavy as in the two preceding weeks but was heavier than a month ago. Prices continued in an unchanged and steady position at the levels established early in December. Metal prices have increased $15 per ton since the time current prices for white lead were set.

Red Lead.—The advancing trend of the two preceding weeks was halted last week and the metal remained at the basis established January 11. Car lot prices for this material also held at the levels established on that date. The l.c.l. prices have not moved and while the metal market is 15 points higher than it was when the current l.c.l. prices for oxides was set another 10 point metal rise is necessary to effect a ¼c. increase in the l.c.l. prices for the derivative.

Litharge.—Conditions surrounding the market for this commodity were similar to those of red lead. Car lot prices remained at the levels established January 11 and lead would have to move up another $2 per ton to increase the l.c.l. prices of this oxide.

Lithopone.—The movement into consumption was fair last week. As in the case of some of the other pigments, trade was understood to have dropped off a little last week but was still more active than the rate of takings in December. The buyers are ordering for prompt or nearby needs only and are disinclined to order for stock purposes. Prices continued unchanged.

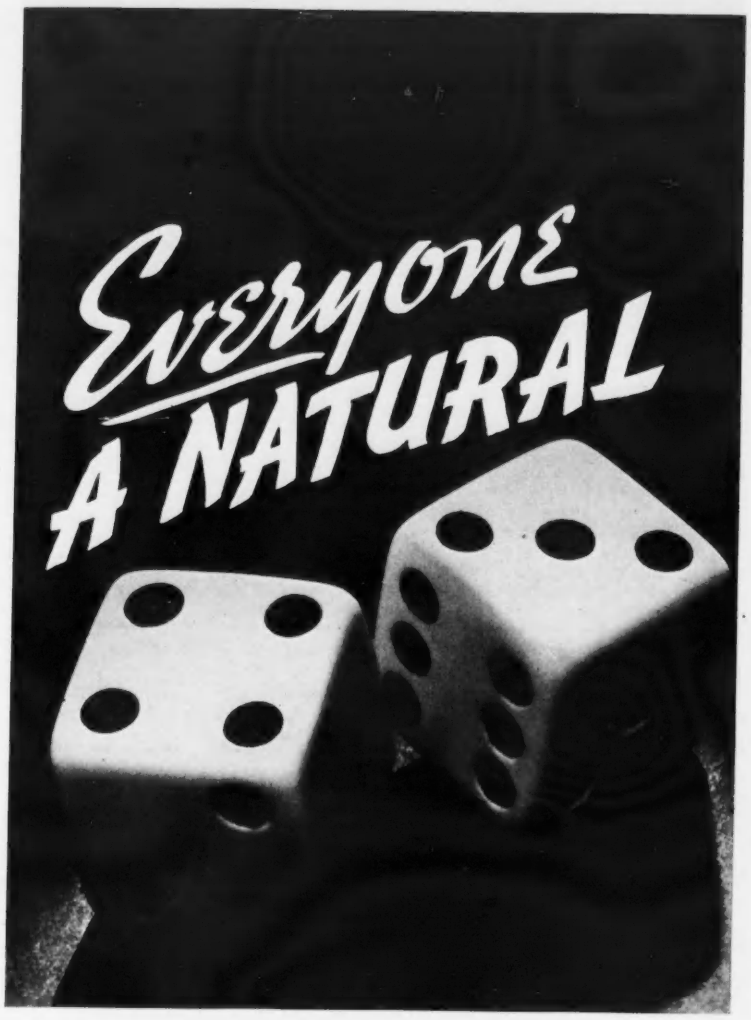
Titanium Pigments.—The frequency and size of January orders against contracts were maintaining an improved rate over December's business. The price situation was a firm one.

Zinc Oxide.—Ordering against contracts dropped off a little last week but held to some of the improvement that commenced shortly after the turn of the month. The rubber products industry's demands were maintained in good fashion. Prices for lead-free and leaded grades continued steady and unchanged.

Fillers and Extenders

The ordering rate of inert pigments and materials in this division of the market leaned toward irregularity last week but held on to much of the improvement that has taken place since the turn of the month. There were no important price movements during the week under review.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



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Blanc Fixe.—According to latest reports, the market occupied a fairly steady place and the demands of the trade were a little livelier than they were at this time a month ago.

Pumice.—Price steadiness was the feature of an otherwise quiet market. Both the domestic ground and foreign ground products have been quite steady in price.

Dry Colors

Activity in the color market also came to an abrupt halt last week. In company with most other commodities, the market encountered sudden buying resistance after having been favored with about two weeks of liveliness. Ordering is now held very close to needs. Prices went through the week without change. Even carbon black was unchanged—for a change.

Carbon Black.—In the light of recent events last week's market position was a rare one in that prices were unchanged. The base price of 2¼c. per pound for either tankcars or carload lots in bags, which was established January 11, was still in force at this writing. Factors in the market were still uneasy, waiting to see whether or not the seller who has taken the lead in the precipitation of the market would go down further.

Chrome Colors.—The contract takings of yellows and greens had been fairly active up to last week, but during the period under review the market dropped into an extremely dull place.

Iron Oxides.—Ordering by consuming manufacturers was less active than a week ago. The recent activity in this and other colors seemed to have stopped just as quickly as it started at the beginning of the year. There has been no change in prices since the first of the year.

Mercury Oxides.—There has been no further change in the position of technical red and yellow since the decline that took place January 14.

Ultramarine.—Contract withdrawals against the new and higher priced contracts that went into effect on the first of the year have been fairly good.

Varnish Gums

Natural resins continued in the quiet and colorless groove that they occupied a week ago. Cable offerings from abroad were all at the preceding week's prices, and there were no changes. Singapore cables repeated earlier advices to the effect that the supplies coming into the market were light and that stocks were small.

Copals.—There have been no changes in the prices quoted for replacement during the past two weeks. There were not many cable offerings from abroad, but those that were received were indicative of price strength.

Dammars.—The reductions in No. 1 and No. 2 Singapore gradings a week ago were the latest developments in the market. The stocks abroad were light, and activity from this end was also light.

Synthetic Resins

The ester gums buyers were ordering sparingly, as were the buyers of natural gums. A week ago ester gum was moving into consumption at a fairly good rate, but last week things slowed down. The price situation continued unchanged at the basis of 9c. per pound.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Naval Stores

Wednesday last was a holiday in Southern markets for naval stores, business at Savannah and Jacksonville being suspended in observance of the birthday of General Robert E. Lee. On other days of the week quieter conditions prevailed, this applying to both domestic and foreign trade. The slowing down of domestic purchasing was variously attributed to the recent advance in prices, to a reactionary tendency at times in the markets for securities and some commodities and to more or less disturbing developments in political affairs.

The tone of Southern markets, however, was regarded as firm, and in some quarters here the opinion was expressed that the slowing down of business was likely to prove of short duration and was due more to a desire on the part of many consumers to get a clearer idea as to prospects for tax and other legislation at Washington before adding materially to their holdings. Meantime consumption of rosin in some important industries is said to be larger than it was a while back.

Nothing very striking in the way of statistical news was received from the South. No marked change for the week was reported in stocks in seaboard markets. The outward movement from Savannah and Jacksonville was rather light but receipts were comparatively small and the indications seemed to point to a further decrease in production and marketing during the next few weeks. According to some estimates, not more than 5 percent of the production for the current season remains to come forward.

According to consular reports from Lisbon, production in Portugal during the first nine months of 1937 amounted to 6,324 metric tons of turpentine and 24,805 metric tons of rosin. These figures compare with 3,852 tons and 6,886 tons respectively in the same time in the previous year. Exports for the first ten months of last year were 6,577 metric tons of turpentine and 24,218 metric tons of rosin against 6,897 metric tons and 29,287 metric tons respectively in the same time in the previous year.

Turpentine.—The local market was quiet but the tone remained firm in company with primary centers where offerings were light, the recent advance in prices being without effect upon the attitude of sellers. Such transactions as were noted here were confined to small quantities for prompt shipment. Receipts and offerings in Southern markets were light.

SAVANNAH, Jan. 21.—The turpentine market had a firm undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday	...	...	...	...	.....
Monday	30½	107	11	65	28,486
Tuesday	30½	93	195	126	28,555
†Wednesday	...	...	...	...	.....
Thursday	30½	117	193	22	28,726
Friday	30¾	68	207	1	28,932

* Market closed. † Holiday.

JACKSONVILLE, Jan. 21.—Turpentine was fairly active. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday	...	...	...	...	.....
Monday	30½	87	154	204	8,452
Tuesday	30½	32	14	571	7,895
†Wednesday	...	...	...	...	.....
Thursday	30½	41	27	3	7,919
Friday	30¾	30	91	38	7,972

* Market closed. † Holiday.

PENSACOLA, Jan. 15.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Monday	48	121	28,111
Tuesday	14	...	28,123
Wednesday	36	...	28,161
Thursday	57	...	28,218
Friday	33	127	28,184
Saturday	5	...	28,129

CHICAGO, Jan. 21.—The turpentine market is reported a little steadier than recently. Buying is said to be in fair volume. Ruling prices at the close of business last night were:—Five-drum lots, 39c. per gallon; five wood barrels, 44c.; single drums, 42c.; single drums, 47c.

LONDON, Jan. 21.—Quotations on turpentine were as follows:—

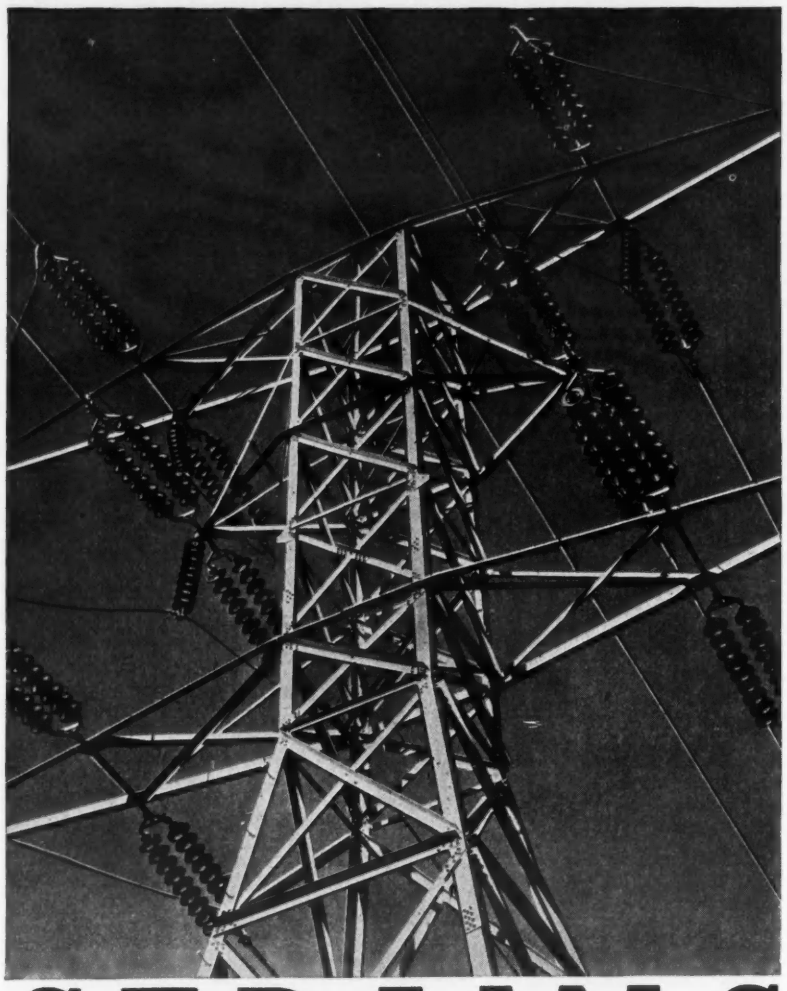
	Per cwt. in bbls. s.	d.
Saturday	34	0
Monday	34	0
Tuesday	34	0
Wednesday	34	0
Thursday	34	0
Friday	34	0

Stocks of American turpentine in London were:—

	Jan. 21.	Previous week.	Last year.
Barrels	35,450	29,390	33,557

Rosin.—An upward trend in Southern

STRESSES



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markets was reflected locally, the tone here being firm much of the time although there was little to record in the way of activity. In some quarters a fair inquiry was reported, however, for moderate lots, consumers manifesting greater interest in the dark grades than in other descriptions. There was no material change in the statistical position.

SAVANNAH, Jan. 21.—A firm tone continued to prevail in the rosin market. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	†Wed.	Thurs.	Fri.
B	...	$4.90	$5.00	...	$5.00	$5.00
D	...	4.90	5.00	...	5.00	5.00
E	...	5.20	5.20	...	5.20	5.20
F	...	5.90	5.95	...	6.00	6.00
G	...	5.95	6.00	...	6.05	6.05
H	...	6.10	6.15	...	6.20	6.20
I	...	6.20	6.20	...	6.20	6.20
K	...	6.25	6.25	...	6.25	6.25
M	...	6.40	6.40	...	6.40	6.40
N	...	6.50	6.50	...	6.55	6.55
WG	...	7.35	7.40	..4	7.40	7.40
WW	...	7.55	7.80	...	7.80	7.80
X	...	7.55	7.80	...	7.80	7.80
	Barrels					
Sales	...	360	218	...	347	231
Receipts	...	468	263	...	856	540
Shipments	...	50	1,322	...	19	2,776
Stocks	...	58,471	57,412	...	58,249	56,013

* Market closed. † Holiday.

JACKSONVILLE, Jan. 21.—The rosin market retained a firm tone. Receipts were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	†Wed.	Thurs.	Fri.
B	...	$4.90	$5.00	...	$5.00	$5.00
D	...	4.90	5.00	...	5.00	5.00
E	...	5.20	5.20	...	5.25	5.25
F	...	5.90	5.95	...	6.00	6.00
G	...	5.95	6.00	...	6.05	6.05
H	...	6.10	6.15	...	6.20	6.20
I	...	6.20	6.20	...	6.20	6.20
K	...	6.25	6.25	...	6.25	6.25
M	...	6.40	6.40	...	6.40	6.40
N	...	6.50	6.50	...	6.55	6.55
WG	...	7.35	7.40	...	7.40	7.40
WW	...	7.75	7.80	...	7.80	7.80
X	...	7.75	7.80	...	7.80	7.80
	Barrels					
Sales	...	329	320	...	394	545
Receipts	...	455	859	...	940	826
Shipments	...	308	379	...	237	307
Stocks	...	72,141	72,621	...	73,324	73,843

* Market closed. † Holiday.

PENSACOLA, Jan. 15.—Rosin receipts were lighter. The market was steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	48	81	160	107	212	10
Shipments	200	...	...	...	...	...
Stocks	26,466	26,547	26,618	26,654	26,866	26,876

CHICAGO, Jan. 21.—There is a better tone in the rosin market. Quite a bit of interest is being shown in various quarters. Ruling prices at the close of business last night were:—B grade, $8; G grade, $9; M grade, $9.40; W. W. grade, $11.80.

LONDON, Jan. 21.—Quotations on American rosin were as follows:—

	Per cwt. in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	16	0	20	0
Monday	16	0	20	0
Tuesday	16	0	20	0
Wednesday	16	0	20	0
Thursday	16	0	20	0
Friday	16	0	20	0

Pine Oil.—The market had a steady tone, previous selling schedules remaining in effect. There was a somewhat better movement into local and outside consuming channels on contracts and transient orders.

Pitch.—A firm tone continued to prevail, quotations being maintained at the recent advance. There were reports of a somewhat better inquiry for moderate quantities.

Rosin Oil.—The tone was firmer, the market being influenced by recent strengthening developments in primary centers. Business lacked snap, but a fair demand was reported in some quarters. Prices were advanced 2c. per gallon.

Tar.—Business was generally along conservative lines, but inquiries were received rather more numerously. The market retained a firm tone.

Shellac

The shellac market was a distinctly routine affair throughout the past week. Whether at home or abroad, the report was the same: small demand, and generally steady if not actually stable prices. Lack of more than very moderate interest in goods offered for import failed totally to unsettle the Calcutta market; quotations remained unchanged throughout the week. In London a decline of one shilling per hundredweight meant little or nothing so far as indicating any change in the basic position of shellac. Local demand was routine in all respects, consisting mainly of calls for quantities usually very conservative in size and totally lacking in signs that might forecast a more liberal buying policy on the part of major consumers.

Calcutta, Jan. 21.—Shellac quotations, on the landed New York basis, ex dock net cash, were as follows:—

	Per pound	
	Jan. 21.	Jan. 14.
January	10⅝c.	10⅝c.

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Day-to-day prices were as follows:—

	Per pound.
January 14	10¾c.
January 15	10¾c.
January 17	10¾c.
January 18	10¾c.
January 19	10¾c.
January 20	10¾c.
January 21	10¾c.

London, Jan. 21.—Prices quoted on pure T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	January 21		January 14	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March	42½	9.3	43½	9.5
May	43½	9.5	44½	9.7

Day-to-day closing prices were as follows:—

	Per hundredweight	
	March.	May.
January 14	43s. 6d.	44s. 6d.
January 15	43s. 6d.	44s. 6d.
January 17	43s.	44s.
January 18	43s.	44s.
January 19	43s.	44s.
January 20	42s. 6d.	43s. 6d.
January 21	42s. 6d.	43s. 6d.

Lacquer Materials

Business in this market continued at a highly irregular pace. Despite the irregularity in the call, prices remained steady to firm. Manufacturing consumers were hesitating to order out supplies beyond immediate production requirements, with the disposition to mark time until they could discern what trend business would assume in the later weeks of the quarter. Acetone noted a steady tone.

Acetone.—A fair call was reported for this product during the week just ended. Prices ruled unchanged.

Butyl Alcohol.—Business in this market was fair at times throughout the week just ended. Quotations were steady to firm.

Dibutyl Phthalate.—Despite the fact this market was quiet, sellers reported quotations were well maintained at previous levels.

Ethyl Acetate.—Developments of importance were lacking in this market last week. Prices were unaltered.

Tricresyl Phosphate.—A firm tone ruled in this market again last week. Demand was moderate, with usual customers placing orders to care for immediate requirements only.

Driers

The stearates remained in a steady position last week. Ordering against the contracts that went in force at the beginning of the month was not so lively as it was a week ago. The sellers reported daily sales last week but there was no snap to the business.

Glues and Binders

Casein.—Prices for domestic materials were lowered ½c. per pound last week. Quotations for car lots of 20-30 mesh were marked down to the basis of 10c. to 10½c. per pound, delivered; 80-100 mesh material in similar quantity was lowered to the basis of 10½c. to 11c. per pound. The paper coaters were not very active in the market.

Glues.—The market idled through most of last week. Much of the added activity that had been reported shortly after the turn of the year had petered out. The prices for bone and hide glues were unchanged.

N.Y. Paint Credit Association Elects

Martin B. Weinstock, credit manager for the M. J. Merkin Paint Company, Brooklyn, was elected president of the New York Paint and Allied Industries Credit Association at the annual meeting January 11, held at the Building Trades Employers' Association, this city. He succeeds William Rohs.

M. B. Weinstock

The association elected the following officers for 1938: — President, Martin H. Weinstock; first vice president, Victor Isaacs, of the Central Paint & Varnish Works; second vice president, William L. Lang, of the Devoe & Raynolds Company, and treasurer, Leonard L. Lyond, of the F. O. Pierce Company.

Directors elected for three years were:—John C. Ball, of the M. Ewing Fox Company; Theordore H. Kleine, of the Hilo Varnish Corporation, and Paul Knappen, of the Eagle Picher Sales Company.

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Oils, Fats, and Waxes

Soybeans Sharply Higher and Oil Stronger—Chinawood Oil Easier —Moderate Changes in Cottonseed Oil Futures—Degras Firmer—Tallow Offerings Light—Business Slower

Business in miscellaneous oils, fats and greases was quieter last week so far as the general list was concerned. In the case of certain edible and technical products a fair inquiry was noted, but as a rule purchasing was limited to comparatively small or moderate quantities, the movement of such lots for the week being lighter in the aggregate than in the previous period. Offerings were generally limited, however, and advances in prices were more numerous than reductions, the tone of the market as a whole being steady.

Soybean oil was stronger owing to a rise in beans. Quotations on chinawood oil were shaded in the absence of any improvement in demand. Edible cottonseed oil was advanced by producers. Menhaden and sardine oils remained firm, selling schedules being maintained by refiners at the recent advance. Animal oils were generally steady, the only change noted being an advance in extra neatsfoot. Fatty acids were generally steady or firm. Tallow was quieter but offerings were light and the market retained a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, No. 1 yellow, 1c. per lb.
No. 2 yellow, 1c. per lb.
refined, ½c. per lb.
Coconut oil, crude, ½c. per lb.
Cottonseed oil, crude, ½c. per lb.
Cottonseed oil, edible, ⅝c. per lb.
Degras, crude, ¼c. per lb.
Grease, ¼c. per lb.
Linseed cake, $2 per ton.
Neatsfoot oil, extra, ¾c. per lb.
Sardine oil, crude, 1¼c. per gal.
Soybean oil, 2-10c. per lb.
Stearin, oleo, ¼c. per lb.

Reduced

Chinawood oil, ¼c. per lb.
Lard, 15c. to 25c. per 100 lbs.
Oiticica oil, ½c. per lb.
Olive oil, denatured, 5c. per gal.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
120.4	120.2	118.8	161.4

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—The local market had a somewhat easier tone last week in the absence of any increase in buying interest on the part of consumers. Supplies on spot are light but competition among holders appeared to be keener for the time being at least and offerings were noted at 15¾c. per pound. Some unimportant transactions were reported to have been closed at that figure. For February shipment from Hongkong in drums 15c. per pound was quoted and there were reports current of offerings for March shipment at a shade under that level.

Coconut.—Quiet conditions prevailed in crude oil but early in the week the price was advanced ⅛c. per pound by leading interests, the firmer tone being attributed to recent developments in competing product as well as the firmness of copra. A somewhat better inquiry was noted at one time, but late in the week buying interest was lacking and to some the undertone of the market appeared to be easier. There was a fair inquiry for refined oil and the market was steady at unchanged quotations.

Corn.—Quotations on crude oil underwent little change but the tone of the market appeared to be firmer despite a slowing down of business. Offerings were light, however, and quotations were generally well maintained. Refined oil was in fair demand and steady.

Cottonseed.—Edible oil was stronger, prices being advanced ⅜c. per pound by producers. There was a somewhat better inquiry for moderate quantities.

Mustard.—The market had a steady tone, quotations being stationary. There was a fair demand from local and other consumers.

Oiticica.—Quotations were shaded ½c. per pound by some sellers, the easy tone being due to the easier position of chinawood oil and a lack of demand of consequence, inquiries being limited to small lots. Offerings continued light.

Olive.—Foots met with a fair inquiry for moderate lots and the market was steady. Quotations on denatured oil were shaded but the tone of the market appeared to be steady.

Perilla.—The market had a steady tone, lack of demand of importance being offset by light offerings and firmness abroad.

Soybean.—Quotations were advanced 2-10c. per pound by some sellers, the stronger situation being attributed to rising prices for soybeans. There was a fair movement of oil into consuming channels on contracts and transient orders. Under the heading, Markets at Other Centers, there will be found a report on the Chicago market for soybeans.

Markets at Other Centers

Chicago, Jan. 21.—The Board of Trade market for soybeans had a decidedly firm tone this week. The trend was upward prices showing a rise at one time of more than 5c. per bushel. The advance was due to an increased demand from domestic and foreign buyers. Crushers were the principal buyers of cash beans but there was also purchasing for export, the increased foreign demand being attributed to uncertainty abroad concerning shipments of Manchurian beans as a result of the Far Eastern political situation. Receipts here and at other primary points were moderate and the visible supply showed a further decrease, local stocks now being about 100,000 bushels smaller than a year ago. Farm reserves in Illinois on January 1 were officially estimated at 7,600,000 bushels against 4,993,000 bushels in the previous year when production was much smaller than last season. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Jan. 21.	Closing Jan. 14.
Cash	$1.03¾	$1.01½	$1.03½	...
May	1.05⅝	1.00¾	1.04¾	$1.00¼
July	1.06	1.01¾	1.04½	1.01

Chicago, Jan. 21.—Actual buying of vegetable oils is still rather restricted, as buyers say they do not wish to go beyond the limits dictated by a conservative policy, but they are inquiring more freely.

COCONUT.—Crude oil, 3⅞c. to 4c. per pound, partly nominal, Coast basis. Refined, edible oil, 9½c. to 10c. per pound, car lots; and 10c. to 10¼c. barrels, less than car lots.

CORN.—Crude low acid, 6¾c. to 6⅞c. per pound, partly nominal. Refined, edible oil, 9¼c. to 9½c. per pound, car lots; and 9¾c. to 10c., barrels, less than car lots.

SOYBEAN.—Crude, mills, 5¾c. to 6c. per pound.

San Francisco, Jan. 19.—Vegetable oils went through a quiet week in which a good amount of firmness was present, but buyers as a group were not making their needs known and the sale of materials was mostly spotty. But few price changes were noticed.

COCONUT.—Stronger. Crude quoted at 4c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery during the early part of this year. Some sales were reported to have been effected recently at a basis of 3⅞c., Coast. Receipts of copra in the local mills continues good.

COPRA.—The market stands today at between 2.40c. and 2.45c. per pound, c.i.f. Pacific Coast ports, with indications that this level may advance on succeeding transactions. Arrivals on the Pacific Coast have of late been very good.

CHINAWOOD.—Steady. Quoted at 14¾c. per pound in tankcars, f.o.b. Pacific Coast ports, for nearby and forward shipment.

PERILLA.—Crude oil quoted 10⅝c. per pound for prompt and nearby shipment; deferred deliveries, 10½c., tankcar basis, f.o.b. Pacific Coast ports.

RAPESEED.—Refined oil quoted 11⅛c. per pound, duty paid, tankcars, f.o.b. Pacific Coast ports, nominally.

TEASEED.—Quoted 8½c. per pound in tankcars, f.o.b. Pacific Coast ports, January/March shipment from the Orient.

London, Jan. 12.—Soybean, British, crude, 27s. per hundredweight; palm kernel oil, refined, 31s. 6d.; rapeseed oil, crude extracted, 36s.; coconut oil, Ceylon, 23s. 3d.; peanut oil, Bombay crude, 24s.; sardine oil, 16s. 3d.; whale oil crude, 17s.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Linseed Oil

Domestic and foreign markets for flaxseed were generally firm. Cake higher. Oil quiet.

Flaxseed—DULUTH, Jan. 21.—Apparently crushers and speculators are both out of the market and have no curiosity or interest in flax these days, for despite the very bullish news emanating from Argentina, no action is of record here. Trading is at its lowest point; in fact, is almost nil. Receipts and shipments alike are at a standstill.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.18	$2.03	$2.03
Monday	2.18	2.03	2.03
Tuesday	2.19	2.03	2.03
Wednesday	2.18½	2.03	2.03
Thursday	2.18½	2.03	2.03
Friday	2.18¾	2.03½	2.03½

Crop movement in bushels follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	38	37	....	....
Since Aug. 1...	689,982	1,023,350	1,110,638	670,451

MINNEAPOLIS, Jan. 21.—Local flaxseed market is more or less routine in character with demand steady and good and offers moderate.

Crushers are taking virtually all of the cash flax offered and pay steady to strong comparative prices for same.

Local elevator stocks of seed are about the same as a week ago and total is small for this time of the year. A year ago Argentine seed was arriving here by

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Factories: Newark, N. J., and Baltimore, Md.

way of Duluth, or out of Duluth storage. It looks as though crushers would be unable to get Argentine seed for local crushing this season.

Trade in the pit is very light and professional. News covering flax is bullish and there is some speculative demand for offers on all declines. Crushers continue to buy in Buenos Aires for a hedge against limited oil sales.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.19	$2.06	$2.03
Monday	2.19	2.06	2.03
Tuesday	2.20	2.07	2.02½
Wednesday	2.19½	2.06½	2.02
Thursday	2.19½	2.06½	2.03
Friday	2.19¾	2.06¾	2.03¼

Crop movement in bushels as follows:—

	Receipts—		Shipments—	
	1938.	1937.	1938.	1937.
This week..	47,000	156,850	10,920	3,240
Since Sept. 1	3,140,490	2,008,210	592,790	377,050

WINNIPEG, Jan. 21.—Trading in flaxseed futures continued quiet. Changes in quotations were within moderate limits. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.77	$1.79	$1.78¾
Monday	1.77⅞	1.79⅞	1.79⅛
Tuesday	1.76⅞	1.78⅞	1.79
Wednesday	1.76¾	1.78¾	1.78½
Thursday	1.77⅜	1.79¾	1.78½
Friday	1.77¼	1.79¾	1.79

BUENOS AIRES, Jan. 21.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.36½	$1.18¼
Monday	1.36	1.18⅜
Tuesday	1.35¾	1.15⅞
Wednesday	1.35⅛	1.16⅞
Thursday	1.37⅛	1.17⅝
Friday	1.37¼	1.17⅛

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	748,000	783,000	598,000
United Kingdom	.....	114,000	110,000
Continent	783,000	776,000	563,000
Orders	500,000	445,000	449,000
Others	31,000	.....	.....
Totals	2,062,000	2,118,000	1,720,000

Since January 1

To—	Bushels— This year.	Last year.
United States	1,870,000	2,385,000
United Kingdom	153,000	145,000
Continent	2,134,000	1,386,000
Orders	1,728,000	1,890,000
Others	31,000	47,000
Totals	5,916,000	5,853,000

Visible Supply

	Bushels.
Last week	5,900,000
Previous week	5,512,000
Last year	6,290,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	60,000	8,000	12,000
Continent	.....	.....	4,000
Others	.....	4,000	20,000
Totals	60,000	12,000	36,000

Since April 1—	Bushels— This year	Last year.
United Kingdom	6,587,000	8,384,000
Continent	268,000	888,000
Others	1,100,000	660,000
Totals	7,955,000	9,932,000

HULL, Jan. 21.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£12¾	£15⅛
Monday	12¾	15⅛
Tuesday	12¾	15⅛
Wednesday	12¾	15¼
Thursday	12¾	15¼
Friday	12¾	15¼

Linseed Oil.—The local oil situation presented few features of interest last week. So far as new business was concerned the market was very quiet, consumers and dealers being disposed to hold off for further developments in the markets for esed and other commodities. Quotations on tankcars ranged from 9.6c. to 9.7c. per pound, according to seller, and the market appeared to be steady on that basis.

Withdrawals of oil on unfilled contracts showed a slight increase locally and reports from outside points also reported a somewhat larger movement on orders previously placed. New business in other centers was described as quiet, however, and crushing operations at the mills in some instances were curtailed.

Foreign and domestic seed markets were generally firm. Cash trade in northwestern centers was fairly active, demand from crushers being sufficient to absorb the offerings. There was an impression in some circles that American crushers will probably experience more difficulty in securing adequate supplies of Argentina seed this season than was the case last year.

Shipments of seed from Argentina last week were 2,062,000 bushels of which 748,000 bushels were destined for this country, making a total since January 1 of 1,870,000 bushels against 2,385,000 bushels in the same time last year. Crop news from India was favorable. The acreage under pure seed in that country was officially estimated at 2,948,000 acres, an increase of 192,000 acres over last year.

According to a report from the Census Bureau on Friday, 23 linseed oil mills crushed 217,114 tons of flaxseed during the fourth quarter of 1937, producing 150,431,644 pounds of linseed oil. Stocks at the mills at the close of December were 92,250 tons of flaxseed and 154,281,806 pounds of linseed oil.

Receipts of seed at New York last week were 186,024 bushels.

There was no trading in linseed oil futures on the New York Produce Exchange from January 15 to January 21, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	...	...	8.70@9.20
May	...	...	8.70@9.25

MINNEAPOLIS, Jan. 21.—Demand for linseed oil is very quiet. Business that started to bloom shortly after the turn of the year faded when Washington news took a bad turn.

Shipping advices are slow and less than due and mills are running at a slow pace, perhaps 30 percent of capacity. Stocks on hand are ample for nearby requirements and maturing contracts.

Quotations on carload lots f.o.b. Minneapolis, cooperage 10.6c. per pound, tankcar lots 10c. per pound, warehouse lots 11c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	944,388	1,117,356
Since Sept. 1	22,620,865	22,378,816

SAN FRANCISCO, Jan. 19.—Linseed oil sellers are confident that within a short while there will have to be some sizeable replacements made. Meantime the situation is steady, and deliveries against old commitments are going ahead a little better. Quoted:—Tankcars, 9.9c. per pound; drum carlots ex mill, 10.5c.; drum lots ex warehouse, 10.9c.

CHICAGO, Jan. 21.—Demand for linseed oil has been fairly good for this season, and seems to have been quite sufficient to keep the price structure on an even keel. Ruling prices are:—Tankcar, 10c. per pound; car lots, 10.6c.; less than car lots, 11c.

LONDON, Jan. 21.—Quotations on linseed oil were:—

	Per cwt.— s.	d.
Saturday	27	10½
Monday	28	1½
Tuesday	28	0
Wednesday	28	0
Thursday	28	1½
Friday	28	1½

Cake and Meal.—The local situation continued to be featured by a firm tone. Cake was advanced $2 per ton, although the export inquiry was rather quiet. Domestic demand for meal showed an increase.

MINNEAPOLIS, Jan. 21.—The meal market is narrow and strong. Output is small and crushers are sold out for the current month. Some of them have most of their February output contracted for and are not inclined to make fresh trades unless at a premium over current prices. Stocks in secondary positions are light and resellers are asking full prices for their limited supplies.

There is some inquiry for March shipment and no offers to match. Buyers evidently expect business to be fairly steady through that month.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $45 to $45.50 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	2,024,065	3,289,946
Since Sept. 1	86,846,175	43,540,065

CHICAGO, Jan. 21.—Linseed meal is strong. Feeders are finding it necessary to come into the market for more or less substantial quantities. Resellers are offering limited amounts, and crushers little. Ruling prices are:—Round lots, $40 to $41, largely nominal; car lots $41; less than car lots, $42.50 to $43.

Cottonseed Oil

Refined oil futures were irregular within moderate limits. Southern markets for crude oil and other cottonseed products generally firm.

Cottonseed Oil.—Refined oil futures were irregular last week, prices being influenced by conflicting developments in outside markets. Fluctuations from day to day were within moderate limits, however, and to some the market seemed to respond more readily to bullish developments than to those of an opposite character. There was selling at times for account of local and other traders on weakness in lard and cotton, a downward trend in lard being due mainly to a decline in live hogs as a result of larger receipts than had been expected, while cotton was depressed to some extent by undoing of straddles made originally by purchases of cotton against sales of cottonseed oil.

On setbacks in cottonseed oil, however, support was forthcoming in the shape of purchases by trade interests, while commission houses were buyers of the distant positions for account of clients who were disposed to take a bullish view of the outlook for prices in the long run on the belief that the production of cotton next season will show a material reduction through government control, the recently announced program being for a crop of 10,500,000 bales, or about 8,000,000 less than produced this season.

Hedge selling of cottonseed oil was noted on upturns but pressure from this source was still comparatively light. Refiners and packers were credited with purchases on soft spots. Upturns in lard, cotton and grain, following earlier weakness caused covering by local and other shorts. Tenders on January contracts brought the total for the month thus far up to 27. Stocks of lard in Chicago increased 6,736,950 pounds during the first half of January, bringing the total at the close of the period up to 27,866,001 pounds, or about 58,000,000 pounds less than at the same time last season.

Moderate winter temperatures prevailed in many parts of the West and marketing of hogs was on a comparatively liberal scale, arrivals in the principal centers for four days of the week aggregating 317,700 head against 245,230 head in the same time last year. The weight of the hogs received in Chicago during the week ended January 15 averaged 242 pounds, against 241 pounds in the previous week, 237 pounds in the week before that and 234 pounds in the same week last year. New export business in lard was reported as quiet but clearances on old contracts made a fair showing. Exports of lard from Atlantic and Gulf ports from November 1 to January 15 were 43,849,717 pounds, an increase of 15,556,451 pounds over the same time last season. Cottonseed was firmer in some sections, the price at Memphis being advanced to $25 per ton.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from January 15 to January 21, inclusive, comprised 719 contracts, a total of 43,140,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.60	7.50	7.50 sale
March	7.66	7.47	7.62 sale
May	7.68	7.47	7.64@7.65
July	7.74	7.51	7.70 sale
September	7.78	7.55	7.75@7.77

Crude, Southeast, 6.25c.

Chicago, Jan. 21.—Buying of cottonseed has picked up a little, and ruling prices are fractionally higher. Good, off-Summer, yellow fig oil is quoted at 7¾c. per pound. Refined, edible oil is 9c. to 9¼c. per pound, barrels, car lots; and 9¼c. to 9¾c., barrels, less than car lots.

Hull, Jan. 21.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	23	6	20	6
Monday	23	6	20	6
Tuesday	23	6	20	6
Wednesday	23	6	20	6
Thursday	23	6	20	6
Friday	23	6	20	6

Cake and Meal.—Quotations on spot and nearby material continued to rule firm. Offerings were reported as light in all positions. Domestic and export trade was fairly active and there was a steady movement on unfilled contracts.

Markets at Other Centers

Atlanta, Jan. 19.—Cottonseed meal continues to be the strongest item among cottonseed products, advancing again during the past week and now quoted at $24.50 to $25 per ton at interior mills.

Prime crude oil is stronger at 6¼c.

Weather conditions are unfavorable for land preparation, very little progress being made during the past week.

Memphis, Jan. 21.—Crude oil was more active and firmer this week. Large interests appeared as buyers and took all that was available at 6⅛c. per pound. That figure is still bid, but holders were firmer in their views, asking 6¼c. Mills not inclined to offer very freely. Meal continued firm. Today $24 per ton quoted for 41 percent, Memphis basis, January-February shipment. Slab cake $21 per ton at Valley points, January-February-March shipment. Open interest in February delivery in the Memphis pit announced today as 3,900 tons. The open interest in March will be announced February 15. An advance in seed to $25 per ton was followed by some increase in marketing. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	January 13.	January 20.
January	$24.05@24.50	$23.65@——
March	22.75@——	22.80@23.00
May	22.60@22.75	22.25@22.50
July	22.65@23.00	22.40@22.90

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Animal Oils

Degras.—Quotations on crude were advanced ¼c. per pound by some sellers, the firmer tone being due to recent advances in other fats. Demand was somewhat more active and supplies in some quarters appeared to be light.

Lard.—Prices were steady at recently revised levels. There were reports of a somewhat better inquiry but purchasing was generally limited to comparatively small or moderate quantities to meet the current requirements of consumers.

Neatsfoot.—A firm tone prevailed, quotations being unchanged to ¾c. per pound higher. Business was rather quiet but the movement for the week was said to be sufficient to prevent any accumulation of supplies in the hands of sellers.

Oleo.—Fresh developments in the way of price changes were lacking, the market being steady at the recent decline. There was a fair demand.

Fish Oils

Cod.—The market for Norwegian oil was steady in the absence of any material change in the situation abroad where shippers were said to be firm in their views. Offerings for shipment were reported as lighter than recently.

Menhaden.—There were no further developments in the way of price changes, the market for refined oil being firm at the advance announced in the previous week. Demand was less active, consumers being inclined to limited purchases to comparatively small quantities for prompt shipment. Crude oil was nominal.

Sardine.—Refined oil selling schedules were firmly held at the recent advance. There was a fair demand for small or moderate lots for prompt shipment. Crude rose 1½c. on the coast. According to a statistics from an official source, exports of sardine oil from Japan during the ten months ended with October were 69,522,288 pounds, an increase of 143.8 percent over the same time in the previous year. A Japanese firm recently organized is said to be planning a largely increased production with modern machinery.

Markets at Other Centers

Baltimore, Jan. 20.—High acid crude menhaden oil sold recently at 28c. per gallon but this figure does not represent the market for the better grade of oil, the last transaction in which here was negotiated at 37½c. per gallon. Sales made after that in Florida also realized about the same price, so that the latest business in off-quality oil is not to be regarded as affording a yardstick. Stocks of better kind have been taken up at the factories down the Chesapeake Bay and trading will not claim real attention again until a short time before the opening of the next menhaden fishing season, in June.

San Francisco, Jan. 19.—Sales yesterday were chalked up in this market for a small quantity of sardine oil in resale channels at the figure of 42 cents per gallon, tankcars, with a buyer or two in the picture today with bids at 42½c., but sellers have withdrawn and there doesn't appear to be any more oil on the market at this juncture.

Fishing amounted to practically nothing during the week under review. A full moon was in evidence a few days ago and the boats were all tied up.

The Fish and Game Commission issued statistics yesterday regarding production for December, which in spite of previously poor figures this season and a bad January so far, compared favorably with past seasons. Monterey and Northern California shore plants produced 1,619,492 gallons and Southern California accounted for 418,485, to make a total of 2,037,977 gallons. However, the season to the end of December, which accounts for production since August, showed up very poorly. California shore plants for this period totaled 7,724,662 gallons, and there was an estimated quantity of 2,459,465 gallons manufactured by the floaters during the same time, totaling 10,184,127 gallons for the industry as a whole.

Last season, at the end of December, shore plants and floaters combined had accounted, for comparative purposes, for a total of 18,941,443 gallons, of which the floaters were estimated to be responsible for 8,075,908 gallons and shore plants 10,865,535.

Production of California sardine oil therefore is but little more than half so far this season what it was during the season of a year ago. The grand total for all production including floaters for the 1936-37 season, which extended into April was named at 23,353,964 gallons. In the case of figures on floating reduction plants, these are unofficial, not gleaned from Fish and Game records, but are believed accurate.

Fats and Greases

Grease.—A firm tone prevailed, quotations in some instances being ad-

vanced ⅛c. to ¼c. There was a fair inquiry for small or moderate quantities from local and other consumers. Supplies were reported to be light and quotations were largely nominal.

Lard.—Changes in cash prices were moderate in the absence of wide fluctuations in futures. There was a fair demand from domestic buyers. The export inquiry was light, but foreign clearances on old contracts made a fair showing. Hog receipts were lighter than expected.

Stearin.—The market was firmer, quotations being advanced ¼c. in some quarters. Trade was quiet.

Tallow.—Quieter conditions prevailed in the market for spot tallow. Occasional inquiries were reported from small buyers, but large consumers in the soap industry were inclined to hold off after making liberal purchases in the previous week. Offerings were light and the market retained a steady tone, the last business reported being at 6⅝c. for extra, f.o.b.

Trading in tallow futures on the New York Produce Exchange from January 15 to January 21, inclusive, comprised 8 contracts, a total of 540,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	7.00	6.70	6.65@6.95
February	6.71	6.70	6.50@6.75
March	6.80	6.60	6.60@6.62
June	6.70	6.70	6.60@6.70

Markets at Other Centers

Chicago, Jan. 21.—Prices are fractionally improved on tallows. Cash lard business has been moderate. Greases are better, and moving more actively.

The range of lard quotations from the opening Saturday, January 15, to the close Friday, January 21, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.60	$8.60	$8.30	$8.40	$8.47
May	9.12	9.27	9.00	9.15	9.12
July	9.25	9.40	9.10	9.25	9.15

TALLOWS (tierces).—Edible, 6½c. to 6¾c. per pound; prime, 6⅜c. to 6½c.; fancy, 6⅛c. to 6¼c.; special, 5⅝c. to 5¾c.; No. 1, 5⅜c. to 5½c.

GREASES (tierces).—Choice white, 6¼c. to 6½c. per pound; A white, 5¾c. to 5⅞c.; B white, 5c. to 5¼c.; yellow, 10-16, 4¾c. to 5c.; yellow, 16-20, 4½c. to 4¾c.; brown, 4¼c. to 4½c.

Liverpool, Jan. 21.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	Jan.	March.	May.
	s. d.	s. d.	s. d.	s. d.
Saturday	50 6	45 0	45 6	46 0
Monday	50 6	45 3	45 9	46 3
Tuesday	50 6	45 6	46 0	46 3
Wednesday	50 0	44 9	45 0	45 3
Thursday	49 6	44 3	44 9	44 5
Friday	50 6	45 0	45 6	45 9

Liverpool, Jan. 21.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s d
Saturday	22 6	21 3
Monday	22 6	21 3
Tuesday	22 6	21 3
Wednesday	22 6	21 3
Thursday	22 6	21 6
Friday	22 0	21 3

Fatty Acids

Capric Acid.—Quotations ranged from 13¼c. per pound upward, according to quantity, and the tone of the market appeared to be very firm. Consumption in the production of various chemical bases and compounds has been steady for some time past and supplies on spot are light.

Coconut Oil.—A firm tone continued to prevail in the market for distilled coconut oil fatty acid. A somewhat better inquiry was noted from makers of soaps and cosmetics as well as certain types of synthetic resins. Purchasing was along conservative lines but the movement of moderate quantities into consuming channels was apparently somewhat larger in the aggregate than in the previous week.

Cottonseed Oil.—Further developments in the way of price changes were lacking but the market for this fatty acid was firm at the recent advance. So far as new business was concerned, the market was quieter but producers appeared to be well employed with deliveries on contracts previously placed by makers of soaps and synthetic resins, consumption in these industries having increased to some extent since the turn of the year.

Hempseed Oil.—Supplies of this fatty acid are light, as production for a considerable period has been on a comparatively limited scale owing to the smallness of supplies of basic material. The market was firm at recently prevailing quotations. A fair inquiry was noted from makers of synthetic resins.

Linseed Oil.—The market for linseed oil fatty acid retained a steady tone. Consumers were disposed to follow a conservative course in purchasing operations but inquiries for moderate quantities were received in a fair volume from makers of synthetic resins and soaps.

Red Oil.—Some contraction of business was noticeable last week. Inquiries were received in some quarters in a fair volume from makers of soaps and compounds used in the textile industry, but the movement for the week was smaller than in the previous period, buyers in some cases being disposed to hold off for further developments. Basic material remained firm, however, and quotations were maintained at former levels by producers.

Red Oil, White.—Quotations ranged from 12½c. per pound upward in drums, according to quantity, and the market was firm on that basis. There was a fair inquiry from makers of pharmaceuticals, paper and textile soaps.

Stearic Acid.—Recent developments in tallow were reflected in the market for stearic acid to the extent that the tone appeared to be firmer although no changes were made in the selling schedules of producers. There was a fair movement into consuming channels on contracts and transient orders, although consumers showed little disposition to provide to any material extent for future requirements.

Markets at Other Centers

Chicago, Jan. 21.—More interest is being exhibited in fatty acids and related products and sellers are inclined to take a firm attitude. A fair amount of material is moving, mostly in lots of limited size.

FATTY ACIDS.—Corn oil, double distilled, 7½c. to 8c. per pound, tankcar; 8c. to 8½c., barrels, car lots; coconut oil, acidulated, 8c. to 8½c., tankcar, mostly nominal; 8½c. to 9c., barrels, car lots; cottonseed oil, double distilled, 7¼c. to 7¾c. per pound, tankcar; 7¾c. to 8¼c., barrels, car lots; settled cottonseed soap stock, 60-62 percent basis, 2⅞c. to 3⅛c.; boiled down soap stock, 65 percent basis, 3⅞c. to 4⅛c.; cottonseed foots, 50 percent basis, 1⅜c. to 1½c.

Waxes

Bees.—The market on crude bleaching wax firmed up and prices were well maintained at the limits set during the previous trading period. A fair amount of interest was disclosed on spot. Bleached and refined waxes were fully steady with moderately good demand being noted.

Candelilla.—The tendency seemed to be toward firmer position now that carnauba wax has shown signs of a considerable strengthening. However, demand for spot lots was still conservative.

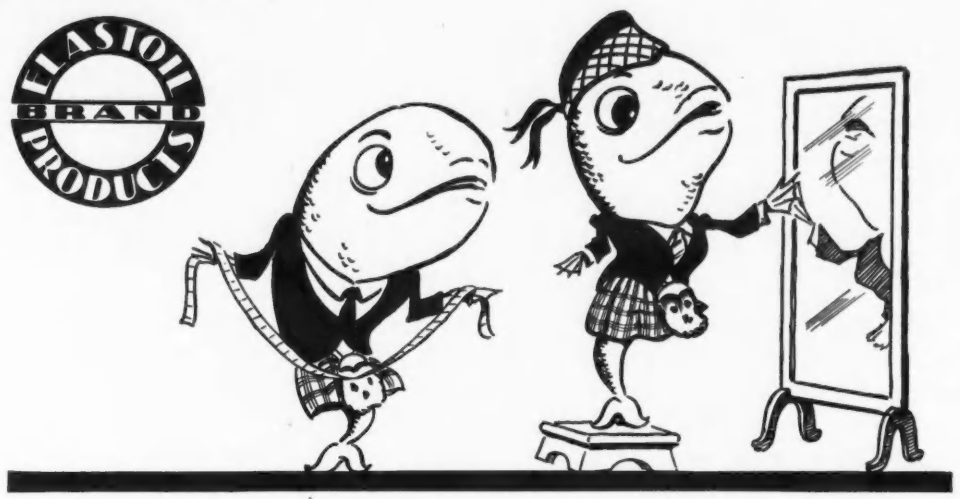
Carnauba. — Differences in prices quoted by various agents and brokers handling business direct with the primary market were fairly broad last week. Also, dealers in this market reported a fairly rapid change in replacement views. As to spot business, it was fairly good, but not up to normal in most instances. Prices on the No. 1 yellow were raised to 41c. to 43c. per pound in ton lots, 5-bag lots, 41½c. to 43½c.; 1-bag lots, 42c. to 44c.; No. 2 yellow, 40c. to 41½c. Some sellers raised the No. 3 grades by half a cent, but others retained price schedules free from change. Refined was also higher at 37½c. to 38c.

Japan.—The market held steady for the most part, although it lacked substantial activity for the most part. Maintenance of spot quotations was in line with the absence of weakness or shift in values prevailing in the primary market.

Vernon A. Kildare, chemist for the Woburn Degreasing Company, Harrison, N. J., and Helen Ursula Fitzpatrick, were married January 1 in Irvington, N. J.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Elastoil Fish Scale Sketches



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Drugs, Fine Chemicals

Acute Scarcity of Mandrake Root Strengthens Podophyllin—Crude Glycerin Shaded—Smaller Stocks Bring Rise in Cocoa Butter Prices—Menthol Up

The improved demand for drugs and fine chemicals in quantities of moderate size continued to be an encouraging element when the future of the market was under consideration. Low stocks of raw materials in the warehouses of manufacturing and other consumers were believed to be in part responsible for the conservative expansion in activity. Also, the presence of seasonal requirements had a part in the betterment in the broader aspects of the market.

Of importance was the shortage of mandrake root, a fact that accounted for the strengthened position of podophyllin and the tendency of that article toward a further advance. Surplus stocks of cocoa butter have been reduced and that brought a limited improvement in prices obtainable. The advance in menthol reflected a less competitive spot market and a return of quotations to a position more in line with replacement cost in Japan.

Glycerin was very quiet. Prices for domestic crude were shaded but no surplus appeared to be accumulating; soapmakers' output has dropped with the decrease in factory output of soap. Foreign refined and crude prices on goods laid down on these shores were higher than spot quotations. Milk powder made from whole milk was lower, mainly because of the uncertainty of sellers as regarded the future demand. Statistically, the item was in a position better than that a year ago.

Mercurials lacked further decline in price but quicksilver was dull as to demand and hardly steady as to price. Demand for strychnine to be used in the agricultural centers had yet to develop. Bismuth salts remained at prices too low when compared with the cost of metal, according to some makers. However, competition was still present. All narcotics were in improved position since adequate supplies of raw material were in sight.

Acid, Benzoic.—Inquiry came from routine sources of consumption and on the whole the movement to buyers was along conservative lines. Actual requirements appeared to be fairly well protected, yet it was not thought that inventories of consumers' reserve stocks were more than moderate. Prices continued to be steady.

Acid, Boric.—New business in USP acid was not very lively. However, deliveries against contracts were said to be holding up fairly well and hence the general situation in this market was quite steady throughout the past week.

Acid, Citric.—A steady market prevailed last week. Lacking more than occasional interest for manufacturing consumers, the item moved in jobbing volume but at very steady prices.

Acid, Tannic.—Price stability has featured the market on this acid for a long time past. Since scarcity of raw material forced the advance in price, a lull has come to the conditions that had made for strength that many thought would keep values rising. The market was firm and the call was routine.

Acid, Tartaric.—Maintenance of raw material cost has given some strength to the price position of this material. In fact, some reports have suggested that quotations might recover some of the recent decline unless there shall develop a weakness in raw material prices. Demand was strictly routine and not especially attractive last week.

Alcohol.—The sale of antifreeze alcohol has been curtailed somewhat by the long continued spell of very cold weather. Consumption is best when cold and warm days alternate reasonably often. However, the market had a steady tone last week. Industrial users of alcohol in all forms have come to the market for slightly more material than had prevailed in the recent past. A steadier quality to demand was also observed. Prices were exceptionally steady at all points.

Aloin.—Unremitting strength was the rule and was likely to continue until such time as an increase in raw materials shall bring a downward revision in the cost of the same. Demand was moderate but steady most of the time.

Amidopyrene.—Interest in this item was about normal and the market possessed very steady undertones with prices being on a well stabilized basis. Supplies were ample and expanding need would be readily covered by the producers.

Borax.—Improvement in quantities delivered under contracts was expected to develop since signs of reviving activity in consuming industries have not been entirely lacking. The market had very steady qualities. Italy has been a source of supply for some years and the latest statistics indicate that the exports of borax from that country during the first 11 months of 1937 totalled 1,839 metric tons, as compared with 1,156 in the corresponding period of 1936. Boric acid exports also increased, the tonnage being reported at 952 from 646. Although export statistics for perborates show an increase to 270 metric tons from 98 metric tons, the Italian statistics are preliminary and data for this item are being rechecked by the Italian officials.

Caffeine.—A very good and entirely seasonal call for citrated material and the market in addition to being active was quite firm. Alkaloid was in routine request but the movement was possibly somewhat improved.

Camphor Monobromated.—Some sellers noted moderate gains in demand originating with wholesale distributors. The call was routine, however, in that it covered seasonal needs and was about level with the volume reasonably to be expected at this time of the year.

Castor Oil.—With the textile trade failing to show substantial improvement, sales of this article continued to be conservative in size. No further downward readjustment of prices has been made but the market as a whole seemed to be still competitive.

CHICAGO, Jan. 20.—The castor oil market remains quiet but steady. Inquiry is fairly good. Ruling prices are:—No. 1, barrels car lots, 10½c. per pound; less than car lots, 10⅞c.; drums, returnable, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, drums, car lots, 9⅝c.; less than car lots, 10⅜c.; drums, returnable, car lots, 9⅜c.; less than car lots, 10⅛c.; tanks, 8⅞c.

Cocoa Butter.—A gradual strengthening of the market has come with an equally gradual reduction of surplus stocks. Prices last week were fractionally higher on the basis of 14c. per pound in car lot quantities.

Codeine.—Phosphate and sulphate moved very well, normal demand being stimulated some by the special needs of a seasonal character that came to the producers last week. Deliveries were prompt and future requirements appeared to be well protected so far as raw material was concerned.

Codliver Oil.—Fishing will start soon in Norwegian waters and hence it is but natural that interest in purchasing abroad has been reduced when possible. However, not a great deal of unsold oil remains at the source. Locally, the call was quiet but very steady and seasonal influences were clearly at work in keeping consumption to fair levels.

Ephedrine.—The situation here has gradually eased since some consumers

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cocoa butter, ½c. per lb.
Menthol, 5c. per lb.

Reduced

Glycerin, soaplye, 1c. per lb.
saponification, 1c. per lb.
Milk, powder, unskimmed, 1c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.6	181.4	182.1	181.5

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

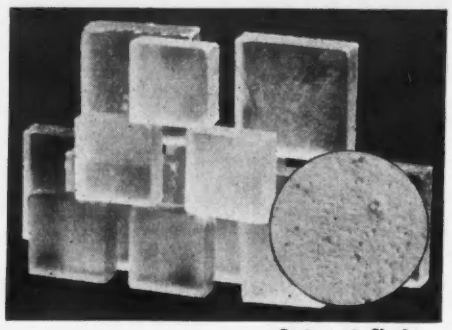
ISOPROPYL ALCOHOL
•
ISOPROPYL ETHER
•
DIACETONE
•
METHYL ETHYL KETONE
•
R. W. GREEFF & CO.
10 EAST 40TH STREET, NEW YORK, N. Y.
Selling Agents for SHELL CHEMICAL COMPANY

HEYDEN
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzyl Chloride
Benzoate of Soda
Benzaldehyde
Benzoic Acid
Silver Proteins
Bromides
Glycerophosphates
FINE HEYDEN CHEMICALS
Fine chemicals
HEYDEN
CHEMICAL CORPORATION
50 UNION SQUARE NEW YORK, N. Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
Factories: Garfield, N. J. - Fords, N. J.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
POWDERED-GRANULAR
IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

NIACET PRODUCTS
Acetic Acid
Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts
ALDEHYDES
for chemical synthesis
Acetaldehyde
Paraldehyde
Acetaldol
Crotonaldehyde
(Also Acetaldehyde Ammonia and Bisulfite)
Aluminum Acetate Solutions
20% Normal, 32% Basic
Sodium Acetate
Tech. 60%, Special 90% Grades
NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

Every Tablet of
SHERKA CAMPHOR, U. S. P.
(Synthetic)
is identical in quality, purity and capacity for camphor action . . .

Surface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.
for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
Meets all U. S. P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder—all available from one source.
Write for comparative samples and prices to
SHERKA CHEMICAL CO., Inc. Bloomfield, N. J. — Importers
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GEORGE UHE COMPANY 80 Eighth Avenue, New York, N. Y. Distributors

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STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
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13th ANNUAL DRUG TRADE DINNER
ON THURSDAY, MARCH 3, 1938 AT HOTEL WALDORF-ASTORIA
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Drug, Chemical & Allied Trade Section, 41 Park Row, New York
Courtesy of THURSTON & BRAIDICH - 55 Vandam Street, New York

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Carbonate of Magnesia
Oxide of Magnesia
U. S. P. and Technical Grades
THE PHILIP CAREY CO.
Dependable Products Since 1873
LOCKLAND, CINCINNATI, OHIO

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pure, natural crystals
U. S. P. XI
SCHIMMEL & CO. INC.
601 West 26 St. New York, N. Y.

MARTENS BRAND COD LIVER OIL
A/s JOHAN C. MARTENS & CO.
BERGEN, NORWAY
Established 1838
THE CREAM OF MEDICINAL COD LIVER OIL
Representatives
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Lactic Acid
In ALL Strengths from 22% to 85%
TECHNICAL
EDIBLE
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C. P.
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
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Factory—Elizabethport, N. J.

BORAX
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PURITY GUARANTEED OVER 99.5%
Reg. U. S. Pat. Off.
AND BORIC ACID
TRONA Reg. U.S. Pat. Off.
"TRONA" MURIATE OF POTASH
TRONA Reg. U.S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

with a surplus of supply on hand have offered more freely in the resale market. A companion development has been a market lessening of interest in foreign offers of both the natural and synthetic article. If available at press time, a special story on synthetic material will appear elsewhere in this issue..

Glycerin.—The market on glycerin was comparatively quiet last week. Stocks of soaplye were not accumulating very fast in domestic producers' hands, this because of the reduced operations of the soapmakers. Nor was there much in the way of distressed material hanging over the market. Refiners indicated that they would have to pay 9c. to 9½c. per pound for soaplye, and 10c. to 10½c. for saponification, and they were neither disposed nor inclined to pay more. The foreign markets were not influential on conditions here, mainly because the cost of foreign crude and refined, laid down in this country, was higher than domestic quotations prevailing at the present time.

CHICAGO, Jan. 20.—Business in c.p. glycerin continues to be rather substantial and active. The buyers who held inventories down to a low level over the year-end are being compelled to take out material in order to avoid exhaustion of stocks. Other grades are quiet. Ruling prices are:—C.p., drums, 15½c. per pound; less than car lots 16c.; cans, less than car lots, 17½c. to 18½c.; according to quantity; dynamite, 15½c.

Menthol.—The market was firmer and slightly higher, not because demand was improved, but because competition was less aggressive, and values revived to a level more in line with those prevailing in Japan. Quotations were $3.15 to $3.25 per pound, as to quantity. Trade continued to be comparatively small and irregular.

Mercurials.—No further change in quotations on this group took place last week. Quicksilver also held free from further reduction. However, the situation in metal lacked signs of improvement, and hence prices on the derived products continued to feel the result of depression of raw material costs.

Milk Powder.—Despite the fact that the statistical position of this article was very good, comparing the situation at present with that prevailing a year ago, the position of whole milk powder was easier because of doubt concerning the future of demand. Skimmed milk powder lacked change. Unskimmed, roller, in car lots, was quoted at 20c. per pound; less than car lots, 20½c.; spray, car lots, 20c.; less than car lots, 20½c.

Morphine.—Sulphate moved in somewhat larger quantities because of seasonal influences. Otherwise, the market was routine. In view of the raw material situation, any reasonable expansion of demand could be handled readily by the makers of derivatives.

Podophyllin.—The market was strengthened substantially when manufacturers attempted to secure further stocks of raw material and found it impossible to place orders in the primary market. The resale price of bark was advanced. The derived material tended upward.

Potash Citrate.—A very fair-sized movement of this article was noted. The gain in interest was laid to seasonal influences and hence the position of the article approached that normal at this time of the year. Prices were very steady.

Quicksilver.—The situation remained in statu quo. Demand was comparatively small and fluctuated considerably from day to day. While stocks were not large, every need was met promptly on the basis of a price situation entirely favorable for those with firm orders in hand. Open quotations lacked quotable change.

SAN FRANCISCO, Jan. 17.—The quicksilver market has not picked up appreciably. A mild inquiry is noted, but this has not been followed by much actual buying. Larger sellers here are not finding the present New York levels of $80 to $81 at all attractive, and they would rather hold off. However, part of the trade here is willing to sell at these figures.

Quinine.—Shipments of quinine from the factory in the Netherland Indies were about 10 percent larger in volume during the first nine months of 1937, compared with the corresponding months in 1936. Output of cinchona bark by a group of estates, which in 1936 produced 85 percent of the total estate crop, for the first nine months of 1937 amounted to 7,437 metric tons as compared with 6,463 metric tons during the corresponding period of 1936. It is apparent that, from the estate production figures for the first nine months of 1937, stocks of bark are accumulating in the Netherland Indies. Details showing the volume and value of exports of these commodities during the first nine months of 1937, together with comparative data for the corresponding period of 1936, are given in the following table:—

	Kilos	
	1936.	1937.
Quinine and quinine salts.	148,793	163,695
Cinchona bark—		
Pharmaceutical	33,487	65,022
Other bark.....	5,861,025	4,727,630

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44⅜	19⅝
Monday	32⅝	44⅜	19⅛
Tuesday	32⅝	44⅜	20 1/16
Wednesday	32⅝	44⅜	20⅛
Thursday	32⅝	44⅜	20 1/16
Friday	32⅝	44⅜	20

Dr. Ivor Griffith Elected P.C.P. Dean

—Continued from page 4

practice of pharmacy. He is also editor of the *American Journal of Pharmacy*, founded in 1825 and published by the college.

Dr. Griffith was born in Rhiwlas, North Wales, and came to this country with his parents at an early age. He was graduated from the Philadelphia College of Pharmacy as a doctor in pharmacy in 1912 and became assistant to Dr. LaWall in the latter's private laboratory practice in 1913. He has been a member of the college faculty since 1916 when he became instructor in pharmaceutical arithmetic. He was appointed professor in the theory of pharmacy in 1936.

As a result of original researches in serology, Dr. Griffith received the honorary degree of master in pharmacy from the Philadelphia college in 1921, and he was given the honorary degree of doctor of science by Bucknell University in 1934. He has been widely active as a lecturer in chemistry and bacteriology, appearing regularly before nurses' training classes and at the Wagner Institute of Science, and frequently before the public at the Philadelphia college and on the radio. He has also done a deal of writing and was the editor of the first edition of the A.Ph.A. Recipe Book.

Chemical Credit Men Hear Charles C. Greene

The Drug, Cosmetic and Chemical Creditmens' Association, met January 20 in the Building Trades Club, this city. L. Candee, of L. Sonneborn Sons, chairman of the group, presided.

After routine business, the gathering was addressed by Charles C. Greene, of the World's Fair Corporation. His subject was the coming fair and a motion picture was used for purposes of illustration.

This association is about two years old and comprises some thirty-four companies, all of which occupy a position of prominence in the drug, cosmetic, chemical, and allied industries.

Not so long ago this man came home from work sick . . . his head burned . . . he ached. The doctor said a case of grippe . . . some fever . . . and prescribed Acetphenetidin.

Soon, through the antipyretic value of this pharmaceutical, the fever broke . . . today our patient is back on the job, feeling fit and fine.

It is quite possible the Acetphenetidin he used came out of the Dow plant at Midland. For Dow is one of the principal producers of this invaluable pharmaceutical chemical.

To know that, in conjunction with its good customers, the leading pharmaceutical manufacturers, and through thousands of druggists and physicians, Dow is contributing to the nation's good health and well-being is an added compensation for every effort toward a more perfect product.

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Stocks of
ALL FRESH BOTANICALS
of 1937 Crop

Seldom, if ever, has our present situation been duplicated in the botanical drug field.

Available from one reliable source are Gums, Fish Liver Oils, Extracts, Alkaloids, Crude Botanicals, Insecticide Bases, and Cosmetic Raw Materials.

The misfortune of a serious fire in our botanical drug warehouses early in the fall presented the opportunity of assembling an almost completely new collection of over nine hundred botanical products. At no one time in our history has so large and complete a supply of the new crop of our drug products been available!

In every respect we can offer the drug-consuming trade advantages in quality, in price, and in service that no earlier record can surpass.

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK **1228 W. KINZIE STREET, CHICAGO**

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

N.J. Judges Reach Fair Trade Accord

—Continued from page 3

saw it, he laid down the following rules:—

The suit may be instituted by the owner or holder of the brands or marks or by one having the exclusive right to use such marks in a given territory.

The resale price sought to be maintained must be a fixed price or a stipulated price, not merely a price suggested or recommended by the owner or producer.

Price Notices Required

Notice of the fixed prices and of changes thereof must be given to all who are sought to be bound thereby, and this applies not alone to direct changes in prices but also to change in discounts and other general business practices reflected in the price of the commodity.

To invoke the fair trade act, it is unnecessary that agreements providing for the maintenance of fixed resale prices be made with all or substantially all of the dealers in a commodity. It is enough if there are agreements made, indicating an intention to resort to the provisions of the act. Nor is it necessary for the owner or producer to sell directly to the retailer; he may deal with a wholesaler who, in turn, sells to the retailer.

A dealer who does not sign a price-maintenance agreement is just as amenable to the act as one who does sign. Before any relief may be obtained against him, however, it must appear that he had notice of the fixed prices and of all changes thereof at the time of sale.

Implicit in the statute is the requirement that the prices fixed for resale by retailers be uniform in any one competitive area. Implicit also is the requirement that there shall be no unfair discrimination in prices to retailers. That does not preclude discounts or fair variations in prices having a general application in the trade, based, for example, upon quantity sold or time of payment.

Discrimination Must Be Avoided

A producer or owner invoking the statute is not required as a matter of law to resort to legal process against every violator of its provisions or of the contracts made pursuant thereto before he can enforce a remedy against any one violator. At least where he does not resort to legal action, the producer is required to use reasonable diligence to see to it that none of his products continue to be sold to a retailer who cuts prices after the producer has notice of such violation. He will not be allowed directly or indirectly to discriminate unfairly. In availing himself of the benefits of the statute he must accept its burdens. The fair trade act in its very essence calls for uniform enforcement without discrimination.

A dealer not signing a fair trade agreement may not take advantage of the producer's alleged breach of contracts made with others unless those violations amount to improper discrimination, unfair business practices or indicate an acquiescence in the unlawful cutting of prices or a waiver or abandonment of rights under the statute.

The only practical method of securing any kind of enforcement of the statute is by way of injunctive relief. To obtain such relief it is unnecessary, generally speaking, for the owner or producer to prove the actual damage sustained. It is sufficient to establish that there is in existence a "good-will" to be protected and injury thereto will ordinarily be presumed if there is unlawful price-cutting.

Amendment Introduced

Bills have been introduced in the State legislature (S. 50 and A. 93) to revise the fair trade act by substituting in section 1 (b) the words, "any dealer," for the words, "in delivery." This change was recommended by the law revision committee.

Plans are being made to revive the American Fair Trade League, that was long active in the earlier movements for a Federal price-maintenance law. William H. Ingersoll, of Ingersoll & Norwell, a prime mover in the old days, is chairman of the committee on organization. An active campaign for fair trade will be launched February 28 at a meeting in the Hotel Astor, this city.

Sharp & Dohme Opens Five New Branch Offices

Sharp & Dohme, manufacturer of pharmaceuticals and biologicals, Baltimore, has opened branch offices in Seattle, Portland, Los Angeles, Denver and Phoenix, Ariz. These offices, together with the San Francisco branch, will carry complete stocks, and special emergency telephone service has been arranged so that biological orders can be shipped at any hour of the day or night. Sharp & Dohme now has twenty-three branches throughout the country. Managers of the new offices are:—Seattle, C. L. Kinkaid; Portland, John W. Garvey, jr.; Phoenix, H. W. DeBuhr; Los Angeles, Charles A. Krieger, and Denver, George W. Nice. The San Francisco office will continue under the management of H. D. Crebs.

Dr. Van Stone Heads S.-W. Manufacturing

—Continued from page 3

After graduation from Worcester Academy, Worcester, Mass., Dr. Van Stone taught science and mathematics at the Battle Creek, Mich., high school for two years; then he went to the University of Michigan, in the class of 1914, where he studied under Prof. E. E. Ware, now executive research director for the Sherwin-Williams Company. He took his Ph.D. degree in 1916. After spending a short time with the Western Electric Company and the American Telephone & Telegraph Company when synthetic resins were being introduced into the plastic industry, he joined the Sherwin-Williams Company at the close of the World War, and distinguished himself by his contributions to the dye and color developments which were to help the United States become independent of German sources which had been cut off. He investigated processes in Swiss, English, French, and German chemical plants, and later helped install lacquer plants in England and France.

Dr. Van Stone is perhaps best known for the outstanding work he has done with nitrocellulose lacquers for automotive finishing, also brushing lacquers, and more recently synthetic resin developments which have played such an important part in the progress of the Sherwin-Williams Company. At Chicago, Dr. Van Stone, in addition to heading up the lacquer end of the business, was responsible for the chemical laboratories, coaltar, dry color, acetic acid, insecticide, and other important chemical developments. He is a member of the Sigma Xi, honorary scientific fraternity; Phi Lambda Upsilon, honorary chemical fraternity; the American Chemical Society, and numerous other organizations.

H. J. Hain, vice-president of the company, who has been "pinch-hitting" in operating the manufacturing departments since the death of C. G. Bull, will now devote all his time and attention to the auxiliaries departments of the business, which include the lead and zinc mines and smelters, oil mills, pigment and dry color plants, lithopone, litharge, and other important raw materials which the company produces. Many new projects are under way in this end of the business.

Venereal Disease Control Aid Planned

OPD Washington Bureau
January 20, 1938

A series of annual appropriations for prevention and treatment of venereal diseases would be authorized under the terms of a bill (H.R. 9047) introduced in the house of representatives by Alfred L. Bulwinkle of North Carolina.

The money would be administered by the United States Public Health Service, which would allot the sums to the States on a basis of population, the extent of the venereal disease problem, and the financial needs of the States. The totals authorized to be appropriated would be $3,000,000 for the fiscal year ending June 30, 1939; $6,000,000 for 1940; $12,000,000 for 1941; and $25,000,000 for each of the next ten years.

Texas Oil Well Fire Causes $150,000 Damage

An oil well fire on the property of the Overton Refining Company, Kilgore, Texas, was extinguished after burning twelve hours. Damage was estimated at $150,000. The well was brought in January 17 and flowed twenty-five barrels of oil in twenty-five minutes. It was closed down and caught fire while the drilling crew was running tubing. Kilgore has more than five hundred oil wells within its incorporated limits. This is the third major oil fire in and near Kilgore since 1931, when a well on the edge of town caught fire and burned for twenty-one days.

Botanical Drugs, Spices, and Gums

Selected Elm Bark Higher and Stronger—Goldenseal Root in Light Supply at Advance—Copaiba, Tolu and Peru Balsams Off—Rhubarb Declines Again

Although price movements were mainly downward last week in the market for botanical drugs, the changes were usually fractional and the result of solely local conditions. Against this predominant trend was the exceptional strength noted in the major number of definitely medicinal items. Taken in its broadcast aspect, the market for medicinal crude drugs had a strength based directly on the comparatively unsatisfactory conditions affecting supplies not only on the spot, but also in the primary markets. Given an even moderate expansion of buying during the Spring months, and such an expansion is an expectation entirely reasonable, the recently softer position of some spot prices could be promptly strengthened. A normal call would probably affect the general price structure, according to the trade.

Items noted for strength last week included elm bark, elder flowers, fir balsam from Canada, golden seal root, skunk cabbage root, mandrake, and pale flowers. All of these were priced higher and received a very fair call at the advance.

On the side of easier and lower prices were colombo root, copaiba, tolu and Peru balsams, fleaseed, rhubarb root, saw palmetto berries and raspberries, strophanthus seed, and powdered soap bark. In addition, numerous condimental items were available at declines.

Entries of botanicals at the part of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	200
Belladonna root	51	101
Caraway	100	1,275
Cardamom (cases)	...	128
Celery	...	...
Coriander	70	248
Cumin	58	294
Digitalis leaves (cases)	35	35
Dill	...	...
Fennel	75	155
Henbane leaves (bales)	42	42
Mustard	...	1,500
Poppy	...	2,100
Sage leaves (bales)	...	84
Sesame	...	417
Stramonium (bales)	121	121
Thyme (bales)	...	90
Totals	552	4,974

Price Changes

Prices were changed during the past week as follows:—

Advanced

Areca nuts, powdered, 1c. per lb.
Elm bark, select, 5c. per lb.
Elder flowers, 3c. per lb.
Fir balsam, Canada, $1 per gal.
Golden seal root, whole, 5c. per lb.
powdered, 5c. per lb.
Ginger root, Cochin, ¼c. per lb.
Mandrake root, 2c. per lb.
Nutmegs, 110's, ¼c. per lb.
Pepper, black, Lampong, ¼c. per lb.
Rose flowers, pale, 2c. per lb.
Skunk cabbage root, 2c. per lb.

Reduced

Anise, Spanish, ¾c. per lb.
star, 1c. per lb.
Cardamom, decorticated, 5c. per lb.
green, 7c. per lb.
Celery seed, ½c. per lb.
Colombo root, 1c. per lb.
Copaiba balsam, Para, 4c. per lb.
South American, 4c. per lb.
Cascara bark, ¼c. per lb.
Cramp bark, genuine, 1c. per lb.
Colocynth pulp, 4c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ½c. per lb.
Fleaseed, French, ½c. per lb.
Indian, ½c. per lb.
Ginger root, African, ¾c. per lb.
Jamaica, medium bold, 1c. per lb.
bright grinding, 1c. per lb.
Nutmegs, West Indian, ½c. per lb.
Pepper, white, Java Muntok, ½c. per lb.
Peru balsam, 2c. per lb.
Rosemary leaves, ½c. per lb.
Rhubarb root, whole, 5c. per lb.
powdered, 5c. per lb.
Raspberries, dried, 5c. per lb.
Saw palmetto berries, 1c. per lb.
Strophanthus, Kombe, 5c. per lb.
Soap bark, powdered, 1c. per lb.
Tolu balsam, 3c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
135.9	135.3	137.1	117.9

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Prices continued to decline, Para material dropping to the basis of 27c. to 28c. per pound, and the South American being priced at 29c. to 30c. Competition was keen in view of the easier situation at the sources of supply.

Peru.—Lack of sustained demand and the presence of substantial competition in the local market kept company with a decline in quotations to the basis of 80c. to 85c. per pound.

Tolu.—Tre market was unsettled and quotations at the lower level of 45c. to 50c. per pound were none too firm last week, principally because of sharp competition between sellers.

Barks

Cascara Sagrada.—Trade was narrow and consisted mainly of small orders of jobbing size. Such business was taken in some quarters at 11½c. to 12c. per pound, shading the market as recently quoted. The carryover was expected to be of fair size when the new peel starts, though not unduly so.

Cramp.—Genuine cramp bark was down slightly at 24c. to 25c. per pound under the influence of competition in a market noted for not more than moderate interest on the past of buyers. Stocks were not large, especially of the bark of best quality.

Elm.—Select bark in bundles sold at 55c. to 60c. per pound, prevailing over that range, according to seller and quantity. The subnormal size of unsold stocks in all hands was more than enough reason for the market strength. Added to that condition was a broader call.

Soap.—Powdered material was shaded to 13c. to 14c. per pound, but no change in the schedule covering this item in its other forms was made. The drift toward more competitive position for powdered bark had been noted of late.

Wild Cherry.—Conditions have been favorable for some increase in consumption on the part of manufacturers and a revival of sales of bark has followed the betterment in the situation. Prices were exceptionally steady.

Beans

St. Ignatius.—Jobbing business was noted but not very much of that sort of trade prevailed last week. So far as demand was concerned, the market might be called nominal. However, in the absence of competition, quotations remained very steady.

Vanilla.—The situation has been somewhat clouded by the action of French exchange in which there were recently developments that led to the fall of the French cabinet. However, local dealers declared that the lack of more than moderate stocks of good quality beans in France was a fact against which it would be futile to contend. The consensus seemed to be that should demand show moderate revival among the manufacturing consumers in this country, strengthening of spot prices that had been unsettled for some time past would be almost certain to follow. In the meantime, demand remained rather narrow.

Berries

Raspberries.—Dried material dropped in price once more, bringing values down to the basis of 60c. to 65c. per pound under the influence of increasing competition in local circles.

Saw Palmetto.—Offerings out of spot stocks were made at the lower price level of 9c. to 10c. per pound without stirring more than a moderate consuming interest in local offerings. Trade was mainly jobbing.

Flowers

Chamomile.—The higher price position assumed by Roman flowers during the previous trading period was well maintained during the week just ended. The market was firm in price, though lacking in much demand. Hungarian flowers remained steady.

Elder.—Quotations ranged 23c. to 25c. per pound, and most holders had firm views on the future of the article, this for the reason that the cost to replace in Europe was such as to make weakness an unlikely development on spot.

Poppy.—Red poppy flowers in some quarters were minimum at 75c. per pound, but in others there were offerings at 70c., though the quantities involved were not large at the latter figure. Trade covered prompt needs in most instances.

Pyrethrum.—Prices were up slightly to the basis of 19c. per pound for coarse ground Japanese flowers in car lots. The fine powdered Japanese article was 22c. per pound in ton lots. Both were priced higher than had been quoted. Although of no importance on this market, the mere fact that in 1937 some 50 tons of this flower were grown in China was of interest. It was about one quarter of the normal total consumption by Shanghai manufacturers.

Rose.—Red flowers were very firm in the absence of more than moderate stocks and hence the existence of not a great deal of competition. Pale flowers were noted at 34c. to 35c. per pound, though under some conditions this might be shaded moderately.

Gums

Arabic.—The upward turn of primary market prices, expected by some in recent weeks, came during the period under review. The rise was fairly substantial and took place under conditions suggestive of a gain in the fundamental and basic strength of the primary market. Locally, values were firmer at the recent decline and the tendency was to advance quotations on cleaned amber sorts by ½c. per pound.

Benzoin.—The position of Sumatra gum tended to strengthen but no further advance in quotations was made last week. The market lacked sustained demand of important volume; trade was usually confined to comparatively small quantities but full prices were paid for such goods.

Karaya.—Business was not expansive but it had a steady quality that found reflection in well maintained spot quotations on this item. However, there was reason to expect that with the decline of Winter and the approach of Spring months, a revival of trade might reasonably be expected.

Myrrh.—Slightly more activity was noted. Orders were more numerous even though quantities called for increased but little in size. The undertone of the market was firmer and competition was less apparent during the period under review.

Tragacanth.—The official estimate of the Iranian Department of Agriculture gives 5,000 metric tons output in 1936. Exports for the year ended June 30, 1937, were 3.06 million kilos, compared with 4.06 million kilos in the previous fiscal year. The prospects for the next crop were considered to be satisfactory.

Herbs and Leaves

Digitalis.—Offerings were returned to the firm base of 65c. to 70c. per pound.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

HOPKINS BRAND
CRUDE DRUGS
GUMS } KARAYA • ARABIC TRAGACANTH
PYRETHRUM • REDRATSQUIL
DERRIS • CUBE
We have been for over forty-seven years first hand direct importers and suppliers of all foreign and domestic crude drugs, importing from every important shipping point in the world. All botanicals we import or handle are BOTANICALLY, CHEMICALLY, BIOLOGICALLY and otherwise determined to conform with our standards as well as the pharmacopœia standards.
We carry in our New York City Warehouse and Mills full stocks of all Foreign and Domestic Crude Drugs for which there is commercial demand.
WRITE FOR PRICE LIST
J. L. HOPKINS & CO., 220 Broadway, New York, N.Y.

CHICLE, Mexican
F. HUBER & CO., 99 Hudson Street, NEW YORK

GUMS
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
LOCUST BEAN GUM
(CAROB FLOUR)
PAUL A. DUNKEL & CO., INC.
82 WALL ST., NEW YORK, N.Y. Hanover 2-3750

ORBIS are GUM SPECIALISTS
ORBIS GUM
tragacanth
ARABIC KARAYA
Whole or Powdered
Write for Prices and Samples
ORBIS
PRODUCTS CORP.
215 PEARL STREET
NEW YORK, N.Y.

However, conditions were little improved so far as stocks were concerned, nor did it seem likely that available stocks would rise to the point where a movement of prices in favor of buyers was apt to occur in the nearby future.

Ephedra.—For the time being, at least, Japan has become the source of supply for this product of China. However, according to press reports, resumption of freight service from Shanghai is not unlikely in the not far distant future and when that takes place, direct shipments from China to the whole were likely to be resumed. Prices asked by the Japanese shippers were comparatively high.

Henbane.—Undertones were comparatively easy and values tended to move further in favor of buyers. Demand was mainly of the hand-to-mouth variety that was responsible for a comparatively low total volume of trade.

Rosemary.—Under competition, quotations moved to the basis of 5c. to 6c. per pound and at the end of last week the market was quiet and generally easy.

Stramonium.—Small trade was the rule. However, in view of the comparatively large rejections because of poor quality, the supply of the material remained sufficiently small to keep quotations to a very firm basis notwithstanding the lack of substantial selling.

Miscellaneous

Areca Nuts.—Powdered material was quoted at 11c. to 12c. per pound, and had a fair, if not widening, movement into the consuming trades. Supply was moderate in size.

Colocynth Pulp.—The market weakened again and quotations were noted on the lower basis of 28c. to 29c. per pound. Competition was keen in all quarters and supplies were ample.

Guarana.—No further recission in quotations was noted. In fact, the market, as a whole, was firmer as to price and subject to considerably less competition. Any substantial expansion in demand would find the spot set for possible advances.

Lycopodium.—Just enough demand to establish the firmness of prices prevailed during the past week and on the whole the market was clean of competitive influences. European offerings were very small and full prices were obtained.

Papain.—Powder was close to being strong on the spot. High prices continued to prevail at the source, but the tendency here was to hold aloof pending the development of lower replacement costs.

Roots

Colombo.—Inactivity has weakened the market and prices have been reduced to the basis of 13c. to 14c. per pound. The supply was such that conditions were favorable for buyers with firm orders in hand.

Golden Seal.—Quotations were higher at $3.65 to $3.70 per pound for whole, and $3.80 to $3.85 for powdered material. Occasionally, manufacturing consumers have bought for less, but the situation as to supply was such as to make the item one of substantial strength.

Mandrake.—Attempts to buy in the primary market were so unsuccessful as to suggest that stocks of root unsold were practically exhausted. Dealers on spot advanced quotations to 20c. to 21c. per pound.

Rhubarb.—The downward trek of prices went on without interruption. Whole was noted at 50c. to 55c. per pound, and powdered was quoted at 55c. to 60c. Competition continued to expand.

Skunk Cabbage.—The market moved up to 20c. to 23c. per pound, according to seller and variety of this item. Reserves in the country were conservative in size, while those on spot were not much in excess of being small.

Seeds

Anise.—The market was shaded slightly, mainly because of small consuming requirements have caused the development of a moderate spot competition. Spanish seed was quoted 11¾c. to 12¼c. per pound, and the star was 14½c. to 15c.

Cardamom.—Prices were easier and lower on all but the bleached grade of this item. Decorticated was down to $1.25 to $1.30 per pound, and the inside might be shaded with a firm order in hand. Green material was off to the basis of 80c. to 85c. per pound, as to quality and seller.

Celery.—Business was very slow and the market moved in favor of buyers with firm orders to place. French was priced at 15c. to 15½c. per pound, and Indian stood at 13½c. to 14c.

Flea.—French was lower at 9½c. to 10c. per pound, and the Indian was down to the same price position. Volume was said to be conservative in size, and the replacement cost was considerably unsettled by foreign competition.

Strophanthus.—Kombe was offered at $1.25 to $1.30 per pound, but little or no demand was encountered. The supply, while not large, was ample for all present needs of buyers for consumption.

Spices

Clove.—Madagascar was quoted at 15c. to 15½c. per pound and the Zanzibar was 15½c. to 16c., both minor price concessions from the quotations prevailing in the previous trading period. The Far Eastern markets appeared to be basically steady.

Ginger.—African root was cheaper at 13¼c. to 13½c. per pound; Cochin lemon was higher at 13½c. to 14c.; medium bold Jamaica root was down to 14½c. to 15c. per pound, and the bright grinding was quoted at 14c. to 14½c. All readjustments in values were accompanied by a not expansive demand from principal buyers.

Nutmegs.—Prices on 110's were up to 17¼c. to 17½c. per pound, but the West Indian article was lower at 12½c. to 13c. No change was made in the value of 80's. Demand was mainly jobbing in size, since buyers were operating on a hand-to-mouth basis for the most part.

Peppers.—Black Lampong worked up to 5⅛c. to 5¼c. per pound, while white Java Muntok worked down to 8¼c. to 8⅜c. Other varieties of peppers lacked change. Reds showed strength based on comparatively low spot stocks and absence of normal shipments from the several sources of supply.

Trading in black pepper futures on the New York Produce Exchange from January 15 to January 21, inclusive, comprised 32 contracts, a total of 1,075,200 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
July	5.41	5.40	5.41 sale
December	5.66	5.62	5.60@5.66

German Botanical Drug Trade Smaller in 1937

Poor crops, shortage of labor, exchange restrictions, and allied factors were productive of an unsatisfactory condition in the German botanical drug trade during the last half of 1937, according to the American consul at Hamburg, center of the German business in crude drug merchandise.

Turnover of crude drugs on the Hamburg market was smaller in 1937 than in the year before. Stocks were generally small as the result of conditions prevailing not only in Germany but also in countries supplying stocks for the Hamburg merchants.

The following paragraphs give brief descriptions of the market position of the chief herbs and leaves sold in Hamburg:—

Belladonna.—Crop was said to have been normal and stocks were moderate both in Hamburg and in producing districts.

Centaury.—One of the few items that has been offered abundantly, as a result of good crops. Stocks were said to be ample both in Hamburg and Europe, and the market was weak.

Coltsfoot.—Crop was small in most countries, leaving low stocks in Europe and no stocks in Hamburg, according to the local trade. Market was strong at nominal prices.

Digitalis.—Very little of this article has been picked, which has resulted in a small crop and negligible stocks.

Henbane.—Crop was reported normal. Stocks on hand were small.

Lobelia.—Stocks of this American herb are small.

Marjoram.—The crop was said to have been small. Stocks in Germany were low, and in Hamburg nil.

Nettle.—It was stated that the crop has been normal and that stocks on hand in Europe were also normal, whereas they were small in Hamburg.

Peppermint.—The crop was very small. There were no stocks on hand in Hamburg and those in Europe were small, according to the local trade, which also states that the market was very strong.

Spearmint.—The crop was small. Stocks on hand in Europe were also said to be small with no supplies available in Hamburg.

Stramonium.—While Hamburg dealers stated that the crop was normal, they said that there was only a small demand for this item.

Wormwood.—Both the crop and the stocks on hand were considered normal by the local trade which described the market as steady.

Mallinckrodt Expands N.Y. Branch Facilities

Office and warehouse facilities in the New York city branch of the Mallinckrodt Chemical Works, St. Louis, has been substantially expanded with the completion of alterations begun some weeks back after the company took a long-term lease on the building adjoining 72 Gold street, and occupied since the company, in 1927, moved from its Platt street location. The plans for expansion of service facilities were reported in the September 13 issue of the Reporter at the time when the leasing of new facilities was confirmed. Mallinckrodt now occupies the buildings at 70 and 72 Gold street.

The business of the company has increased so substantially in recent years that the need for increased warehouse space and office facilities became imperative. In preparing the new quarters to meet its expanded needs, the fourth and fifth stories of the new building were assigned to the warehousing of company products. Under the new arrangements, warehouse space has been fully doubled, and the internal arrangements improved with a view to making the handling of shipments faster, easier, and as far as possible free from human error.

The export business of the company has been moved to new and larger space on the third floor of the new building. Here the layout has been made with the determination to facilitate in all ways the movement of drugs and fine chemicals to foreign countries.

The somewhat crowded conditions under which the office work has been carried on is no more. The old office that occupied the second floor of 72 Gold street has been extended to include the entire second floor of the recently acquired building next door. Alignment of the several office divisions and the finest of office equipment give the Mallinckrodt a modern layout of the first order.

Ephedrin Synthesized By 3 German Firms

—Continued from page 5

the consulate-general at Frankfort-on-Main; the firm of E. Merck having started the manufacture some ten years ago. The Merck synthetic ephedrin is marketed under the trade-name, "Ephetonin." This product, it is said, is based on principles developed by Eberhard, and the manufacturing process is understood to be covered by German patents No. 469,782 and No. 472,466.

"Ephetonin," synthetically prepared racemic ephedrin, is described as "the hydrochloric acid salt of the trans-form of the optically inactive amino alcohols IV." It is sterilizable and is marketed in the form of substance, tablets, salves and other preparations.

Production of synthetic ephedrin by the I.G. Farbenindustrie is of later development than the Merck operations, and is by a process owned by the I.G. Knoll A.G., important manufacturer of natural ephedrin, similarly undertook the manufacture of synthetic ephedrin. It is understood that the entire German production of synthetic ephedrin is supplied by the three concerns mentioned.

No data of Germany's production of synthetic ephedrin are available. It is also impossible to state the scope of Germany's export trade in this material, since no official data are available, and the material is not listed separately in the official German foreign trade tables.

D. J. Strickler Joins Penick Sales Staff

D. J. Strickler has been appointed to the sales staff of S. B. Penick & Co., botanical drugs, this city. His immediate occupation will be in the agricultural division, and he will conduct eastern field experiments on the new nontoxic insecticides offered by the company. Mr. Strickler has engaged in insecticidal work for twelve years. He was graduated from Pennsylvania State College in the Class of 1924.

Kessler Chemical Offers Isothiocyanate Insecticides

The Kessler Chemical Corporation, subsidiary of American Commercial Alcohol Corporation, Philadelphia, is offering a new series of aromatic isothiocyanate insecticides. At present only the alphanaphthyl isothiocyanate is being produced under the trade name "Kesscocide 95." The new product, very slightly soluble in water, but readily soluble in most organic solvents, is a white crystal with a melting point of 55.50 C. and a boiling point of 142° C. at 6 mm vacauum, and has an effective kill power on household insects.

Oilseeds Tax Cut Argued at Hearing

—Continued from page 5

manufacturers to compete with the prices at which foreign-going ships may secure lubricating oil abroad. The rate he proposed would also permit rapeseed oil to compete with castor oil for use in the textile trade. Mr. Gordon also asked that denatured rapeseed oil be restored to the free list.

In support of these requests, Mr. Gordon filed a brief which was also signed by the National Institute of Oilseed Products, the National Paint, Varnish and Lacquer Association, and the Sulphonated Oil Manufacturers Association.

A. M. Loomis, secretary of the National Dairy Union, protested the proposal to reduce import duties on oilseeds. He declared that all five of the oilseeds on which duties would be reduced compete directly with domestic products. He said that in case the proposed reductions do go into effect, the duty on soybeans should also be reduced.

Representative Fred M. Vinson of Kentucky, chairman of the subcommittee on taxation, told Mr. Loomis that the reduction in oilseed rates is intended to establish a parity with the rates on the oils, and quoted from a letter from Secretary of State Hull suggesting that the present rates encourage importation of finished oils and reduce employment in domestic crushing plants.

Ralph T. Lozier, Carrollton, Mo., appeared for the National Institute of Oilseeds Products, and B. T. Rocca, San Francisco, represented the Pacific Vegetable Oils Corporation.

Henry Weiss, representing the Taxicab Chamber of Commerce, protested against the tax on gasoline.

Thomas W. Hardwick, representing the Pond's Extract Company, urged elimination or reduction of the excise tax on cosmetics. Richard B. Barker spoke for the Duquesne Oil & Supply Company, Pittsburgh, and urged specific legislation exempting from the excise tax palm oil refuse from tinplate manufacture.

Elimination of the 10-percent tax on toilet preparations was asked by Mark Eisner, representing the Toilet Goods Association. He said that enactment of the present recommendations would result in loss of sales and discrimination within the industry. Thomas Smith, president of the National Association of Retail Druggists, supported Mr. Eisner's statement.

N.Y. Chain Store Tax Of La. Type Proposed

Albany, Jan. 17, 1938

The chain store taxes proposed in the Schwartzwald bill (S-96) are more drastic than originally outlined. Their basis is the so-called "Louisiana style," that is, the graduation follows the total number of stores in the chain, no matter whether but one of these is located in this State.

The tax proposed for each store ranges from $10 when the operating concern has a total of ten or less stores up to $550 for each store of a chain operating wheresoever a total of more than 500 stores. The graduations are as stated in the Reporter for January 10, but the basis of the imposts is as stated above.

F.T.C. Rebate Charges Cite H.C. Brill Co.

H. C. Brill Company, manufacturers of bakers' supplies and other food products, Newark, was charged by the Federal Trade Commission with violation of the Robinson-Patman act through allowance of discriminatory rebates on certain purchases made by certain chain store organizations.

In the sale of its "E-Zee Freez" preparation, used for making home-made ice cream, the respondent company was alleged to have allowed the Great Atlantic & Pacific Tea Co. rebates amounting to approximately 2 percent of this chain's purchases of that product, which allowances were not paid to other purchasers of the preparation.

Stephen Babcock, sales manager for General Plastics, Inc., North Towanda, N. Y., sailed January 15 for a South American cruise.

Essential Oils, Aromatic Chemicals

Lemon Advancing and Stronger—Wormseed Slightly Higher—Anise Reduced Locally—Coriander Down as Stocks Gain—Some Shading in Lavender—Distilled Lime Eases

Reports in the market for essential oils and aromatic chemicals indicated that a broader trend in consuming demand had developed. Almost without exception, inquiries were more numerous and actual orders were on the increase. Although a tendency to keep quantities purchased as conservative as possible still prevailed, actual needs of consumers have forced the issue and a moderate gain in sales volume resulted.

Lemon oil in Italy continued to develop strength, probably for the reason that a consortium among producers has been proposed, though not realized as yet. The advancing market has been somewhat in contrast with the expectations that developed when the forecast of new production pointed to a substantial gain in stocks. California oil was very firm. Orange was quiet and unchanged, except for a slight shading in the price for African oil. Bergamot held firm. Distilled lime weakened and declined so far as Mexican oil was concerned. West Indian appeared to be holding firm.

Increase in coriander stocks led to further reduction in price. Anise was lowered locally, but the forward position in China was as unsettled and uncertain as ever. Certain strengths of lavender moved in buyers' favor. Guaiacwood concrete was down slightly.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Caraway, 10c. per lb.
Lemon, Messina, 55c. per lb.
Wormseed, 5c. per lb.

Reduced

Anise, 15c. per lb.
Birchtar, rectified, 5c. per lb.
Coriander, $2 per lb.
Guaiacwood concrete, 35c. per lb.
Laurel, 25c. per lb.
Lavender, USP, 38-42%, 5c. per lb.
USP IX, 35%, 30c. per lb.
Lime, distilled, 15c. per lb.
Orange, African, 5c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
78.8	77.9	78.0	89.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet oil remained steady in price, and was reported to be under the influence of a moderately increased demand from manufacturing consumers. Replacement costs have been mainly steady.

Anise.—Prices were lower at $1.10 to $1.15 per pound, but the more favorable value was still subject to changing conditions relating to the shipment of goods bought in China. Such shipment was uncertain at the best and a return of this market to normal conditions must await solution of the troubles caused by war in China.

Birch Tar.—Refined material was slightly lower at 65c. to 70c. per pound, but no change in the price on crude developed. Moderate sized sales took place under fairly competitive conditions.

Calamus.—Prices ranged widely from $3.25 per pound to as high as $5.50, all depending on dealer and article available for sale. Little interest was disclosed in trade last week.

Camphor.—Prices were steady at the source and were well held here. Movement to buyers was fair in size and in some quarters was considerably improved. Stocks were of fair size.

Caraway.—Inquiry was more brisk and reached the spot more often than it had recently. The market was very steady in undertone on spot at the slightly higher level of $2.20 to $2.25 per pound.

Cassia. — Business was slightly improved but the gain was moderate and failed to find reflection in the price position of this item. While goods have been purchaseable in China, uncertainty as to shipment remains a stumbling block in the way of a return of normal conditions of supply and sale.

Citronella. — Trade was about level with the volume noted for some time past and on the whole the spot position of this item was very steady. Prices lacked tendency toward fluctuation. Stocks were of fair size in all quarters. Betterment in demand was expected to come soon.

Coriander. — Prices have eased off again, under the influence of gathering competition on the spot. The market was $21 to $22 per pound last week, which was a price still far above what at one time was a normal value for the item.

Cumin. — No further shading of the market was noted but the undertone was still somewhat easy because of the very conservative consuming need experienced by most users of the entity.

Geranium. — Decline in French exchange because of the financial crisis that led recently to the fall of the French cabinet has tended slightly to ease the import position of this material. However, spot quotations remained generally steady, backed by moderate request.

Ginger. — Raw material was lower in price but the cost was still high enough to keep quotations on distilled oil distinctly firm, though high as compared with what had been the normal price for this item. Demand for oil was routine but somewhat improved.

Laurel. — Competition shaded prices on this article to the basis of $6.25 to $6.50 per pound and undertones remained fairly easy since the call was mainly for jobbing quantities.

Lavender. — The U.S.P. 38-42 degree ester was shaded to $4.75 to $4.90 per pound. Also, the 35 percent U.S.P. IX was down to $3.70 to $4.50. No other readjustments were made in the spot schedule. Trade was routine in a fairly competitive spot market.

Lemon.—Messina oil was higher at $3.35 to $4 per pound. The continued rise seemed to connect most directly with the forecast of a consortium between Italian producers and contrasted with reports concerning production which, in the recent past, seemed to foreshadow a substantial stock of new crop oil. California oil was very firm and enjoyed a distinct price advantage over the Italian article.

Lime. — Distilled oil was weak and competitive on the lower basis of $5.25 per pound. The range was to $6.25 per pound and prevailed as to seller, quality, source of origin, and quantity. Expressed oil lacked change and apparently was very firm.

Orange. — African oil was slightly lower at $1.45 to $1.50 per pound. California and Florida oils held generally steady. Bitter orange oil appeared to be in very low supply and at $2.35 per pound a ready market prevailed. Messina sweet oil was quiet at unchanged prices. So was West Indian material.

Palmarosa. — One quarter offered the item as low as $2 per pound, while in other directions as much as $2.40 was held as a minimum figure. The market lacked the support of more than limited request.

Patchouli. — The undertone was generally steady and while demand was not large, it was in line with the call prevailing for some time past. Replacement cost was well maintained at the primary market.

Peppermint. — No further lowering of prices offered farmers in the middlewest was noted and for the most part the price was so low as to of itself check any further downward tendency for the time being. Spot quotations were unchanged but they were fairly easy on the whole in the absence of sustained and substantial demand, and in the presence of considerable competition.

Sage.—Business was improved and

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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OFFICES IN PRINCIPAL CITIES

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OIL of ORANGE
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The methods used in extracting this American product from scientifically grown fruit are the most advanced, the most rigid, *and the most sanitary*. Produced under such conditions, EXCHANGE BRAND *Cold Pressed* OIL of ORANGE, U. S. P. can be relied upon for its uniform, high quality. It is a good buy at top prices; at present quotations, this delicious Orange Oil represents an unbeatable value.

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low prices have proved to be a stimulus to widening interest in this material. The situation was steady last week and stability of values appeared to prevail.

Sassafras. — Although trading was routine, it was somewhat improved over that in recent week and hence the quotations on artificial oil were more steadily maintained than they had been at times recently. Natural oil was in quiet request at steady prices.

Spearmint. — Jobbing business improved. More call also included demand for somewhat larger quantities. The market ruled steadily, and competition was well in check throughout the period. Country prices were firm.

Tansy.—Although little interest in this item was diclosed last week, values remained fully firm. Stocks were conservative and in firm hands; some dealers were without supplies. Hence competition was negligible.

Wormseed.—Quotations were slightly higher at $2.55 to $2.65 per pound. The market had gained in firmness during the past two weeks and closed the period under review with a total lack of unsettlement. High-test oil was especially firm; there was still a considerable stock of material that by the U.S.P. test develops a low ascaridol content.

Aromatic Chemicals

Bornyl Acetate.—The price was attractive and offerings of fair-sized quantities were noted in local circles. Undertones were generally firm, and conditions suggested a stable market position on spot.

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Stocks carried in principal cities

Coumarin. — Business was conservative. Consumption has dropped somewhat over the past several weeks without the limited decrease in business having had an adverse effect on the price schedule. The principal producer was firm in his views.

Geraniol.—Steady trading was reported. Buyers were in the market for requirements that were close to normal, and the resultant firm undertone of prices contributed much to the generally stable market.

Hydroxycitronellal.—Production costs was said to be holding up well, and hence the somewhat less active condition of the market has been offset, so far as changing the prevailing price for this item. Undertones were very steady in all quarters.

Linalool.—A somewhat more competitive market was reported among resellers of this item. First hands, however, kept steady to firm prices as a general thing, a condition in line with the replacement situation.

Methyl Anthranilate. — A fair-sized jobbing business was done. However, the larger consumers appeared to be fairly well supplied with reserve stocks, and hence were not generally in the market last week. Prices continued to be well stabilized.

Methyl Salicylate. — Generally well-stabilized prices and conditions remained the prominent feature in the market for this material. Buyers bought freely as needed, the stable condition prevailing for a long time past encouraging normal coverage of requirements.

Musk.—Competition was fairly broad and prominent in the disposal of artificial material on spot last week. While open quotations of leading suppliers lacked change, conditions were distinctly favorable for buyers' operations. Trade was moderate.

Phenylethyl Acetate.—A steady market was reported. Trade was little if any in excess of the moderate volume prevailing of late, but prices showed substantial stability in the absence of weakness as to the replacement position of the item.

Phenylethyl Proprionate. — Trade was about normal. Stable prices have encouraged normal operations of manufacturing consumers who have bought about as needed for some time past. Supplies were adequate.

Givaudan-Delawanna Sales Manager Gets Furlough

R. M. Stevenson, sales manager for Givaudan-Delawanna, Inc., aromatic chemicals, this city, has been granted a leave of absence to become effective about February 1. Mr. Stevenson will spend most of his time in connection with his manufacturers' agency business in Detroit, which, during his absence for two years, has been in charge of John K. Stevenson. In addition to handling the Givaudan-Delawanna products in the Detroit section, Mr. Stevenson's agency also represents R. J. Prentiss & Co., and the White Metal Manufacturing Company. Arrangements have also been concluded to represent the Pennsylvania Refining Company, Butler, Pa., in the Michigan territory, on white oils, petrolatum and "Inseti-Sol," a new odorless insecticide base.

N.Y. Cosmetics Tax Proposed

Albany, Jan. 18, 1938

Under the provisions of a bill introduced in the senate by Joseph R. Hanley and referred to the finance committee, $100,000 is appropriated to the State tax commission and a 10 percent stamp tax is imposed on the retail sales price of cosmetics and candy, and a 20-percent tax on the retail sales price of chewing gum.

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ALDAROME BOUQUET No. 125 (Fruity Type)
ALDAROME BOUQUET No. 126 (Sweet, Vanillin Type)
ALDAROME BOUQUET No. 124 (Heliotrope Type)
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(Continued from January 17 issue)

Condensation products of—
(21) Chlorinated benzaldehyde and cresol
(22) Chlorine and phenol
(23) Chlorobenzaldehyde 6-sulphonate with 2:4-dichlorophenol
(24) 6-Chlor-2-cresol with formaldehyde
(25) Chlorosulphonic acid, paraformaldehyde, and trichlorophenol
(26) Dichlorobenzaldehyde and 2:4-dichlorophenol
(27) Dichlorobenzaldehyde and 2:4-dichlorophenol, sulphonated
(28) 2:4-Dichlorophenol and 2:6-dichlorobenzyl chloride
(29) 2:4-Dichlorophenol and dimethylacetal
(30) 2:6-Dimethylol-4-chlorophenol and chlorophenol
(31) 2:6-Dimethylol-4-chlorophenol and 2:4-chlorophenol
(32) 2:6-Dimethylol-4-chlorophenol and paracresol
(33) 2:6-Dimethylol-4-methylphenol and betanaphthol
(34) 2:6-Dimethylol-4-methylphenol and 4-chlor-2-methylphenol
(35) 2:6-Dimethylol-4-methylphenol and 4-chlor-1-naphthol
(36) 2:6-Dimethylol-4-methylphenol and parachlorophenol
(37) Formaldehyde and 6-chlor-2-cresol
(38) Formaldehyde and 4-chlor-1-naphthol
(39) Formaldehyde and 2:5-dibromophenol
(40) Formaldehyde and 2:5-dichlorophenol
(41) Formaldehyde and 2:6-dichlorophenol
(42) Formaldehyde and metachloroguaiacol
(43) Formaldehyde and metachlorophenol
(44) Formaldehyde, metacresol, and paracresol
(45) Formaldehyde and 1-methyl-2-hydroxy-6-chlorobenzene
(46) Formaldehyde and 1-methyl-2-hydroxy-4-chlorobenzene
(47) Formaldehyde and paracresol
(48) Formaldehyde and paracresol, brominated
(49) Formaldehyde and paracresol, sulphonated
(50) Formaldehyde and parafluorophenol
(51) Formaldehyde and phenol, brominated
(52) Halogenated hydroxy polyalcohols with aralkyl alcohols
(53) Halogenated hydroxy polyalcohols with aralkyl compounds
(54) Halogenated hydroxy polyalcohols with aralkyl ethers
(55) Halogenated hydroxy polyalcohols with aralkyl halogen acids

Condensation products of—
(56) Halogenated hydroxy polyalcohols with benzyl alcohol
(57) Halogenated hydroxy polyalcohols with benzylomegasulphonic acid
(58) Halogenated hydroxy polyalcohols with esters
(59) Halogenated hydroxy polyalcohols with naphthols
(60) Halogenated hydroxy polyalcohols with xylene chloride
(61) Hydroxydiphenyl ketones with aralkyl alcohols
(62) Hydroxydiphenyl ketones with aralkyl compounds
(63) Hydroxydiphenyl ketones with aralkyl ethers
(64) Hydroxydiphenyl ketones with benzyl alcohol
(65) Hydroxydiphenyl-ketones with benzyl-omegasulphonic acid
(66) Hydroxydiphenyl ketones with esters
(67) Hydroxydiphenyl ketones with naphthols
(68) Hydroxydiphenyl ketones with xylene chloride
(69) Hydroxydiphenyl-methanes with aralkyl alcohols
(70) Hydroxydiphenyl-methanes with aralkyl compounds
(71) Hydroxydiphenyl-methanes with aralkyl ethers
(72) Hydroxydiphenyl-methanes with aralkyl halogen acids
(73) Hydroxydiphenyl-methanes with benzyl alcohol
(74) Hydroxydiphenyl-methanes with benzylomegasulphonic acid
(75) Hydroxydiphenyl-methanes with esters
(76) Hydroxydiphenyl-methanes with naphthols
(77) Hydroxydiphenyl-methanes with xylene chloride
(78) Isatin-5-sulphonic acid with amylcresol
(79) Isatin-5-sulphonic acid with amylphenol
(80) Isatin-5-sulphonic acid with chlorometacresol
(81) Isatin-5-sulphonic acid with 2:4-dichlorophenol
(82) Isatin-5-sulphonic acid with parachlorophenol
(83) Isatin-5-sulphonic acid with phenols
(84) Isatin-5-sulphonic acid with tertiary amylphenol
(85) Isatin-5-sulphonic acid with thymol
(86) Metachloroguaiacol with formaldehyde
(87) Metachlorophenol with formaldehyde
(88) 2-Methyl-4-chloroanisol with benzaldehydeorthosulphonic acid
(89) 2-Methyl-4-chlorophenol with formaldehyde
(90) 3-Methyl-2:4:6-trichlorophenol and benzaldehydeparasulphonic acid
(91) Naphthols with aralkyl alcohols

Condensation products of—
(92) Naphthols with aralkyl compounds
(93) Naphthols with aralkyl ethers
(94) Naphthols with aralkyl halogenacids
(95) Naphthols with benzyl alcohol
(96) Naphthols with benzylomegasulphonic acid
(97) Naphthols and esters
(98) Naphthols and xylene chloride
(99) Orthobenzaldehydesulphonic acid with 2:4-dichlorophenol
(100) Orthobenzaldehydesulphonic acid with 2-methyl-4:6-dichlorophenol
(101) Orthobenzaldehydesulphonic acid with 3-methyl-2:4:6-trichlorophenol
(102) Orthobenzaldehydesulphonic acid with 2:4:6-tribromophenol
(103) Orthobenzaldehydesulphonic acid with 2:4:6:-trichlorophenol
(104) Orthobenzaldehydesulphonic acid with parachlorophenol
(105) Parabenzaldehydesulphonic acid with 2-methyl-4:6-dichlorophenol
(106) Parabenzaldehydesulphonic acid with 3-methyl-2:4:6-trichlorophenol
(107) Parabenzaldehydesulphonic acid with 2:4:6-tribromophenol
(108) Parabenzaldehydesulphonic acid with 2:4:6-trichlorophenol
(109) Parabromophenol and formaldehyde
(110) Parachloroanisol and benzaldehydeorthosulphonic acid
(111) Parachlorobenzaldehyde with 5-chlor-2-cresol
(112) Parachlorobenzaldehyde with chlorophenol
(113) Parachlorophenol with 2-chlor-5-sulphobenzaldehyde
(114) Parachlorophenol and 4-chlor-2-sulphobenzaldehyde with phosphorus pentachloride
(115) Parachlorophenol and 5-chlor-2-sulphobenzaldehyde with phosphorus pentachloride
(116) Parachlorophenol with 2:6-dichlor-3-hydroxybenzaldehyde
(117) Parachlorophenol with 3:5-dichlor-2-hydroxybenzyl alcohol
(118) Parachlorophenol with 6-dichlorobenzal chloride
(119) Parachlorophenol with hydroxynaphthaldehyde
(120) Parachlorophenol with orthosulphobenzaldehyde
(121) Parachlorophenol with parachlorobenzaldehyde
(122) Parachlorophenol with parasulphobenzyl chloride

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Solvents and Naphthas Hold Steady—Scale Wax Soft—Sunday Shutdown at Texas Wells Brightens Gasoline Outlook—Crude Flow Up

Petroleum solvents and naphthas encountered some buying hesitancy last week and the gallonage moved out of the Eastern refinery points was not so large as in the two preceding weeks. Demands in the middle Western area were reported as having been fair. Prices held a fairly steady position and the cut in the tankcar and tankwagon price of v. m. & p. naphthas which took place in New York a week ago, did not spread to other sectors nor did it affect the price of related solvents. Lighter gaseous hydrocarbons were steady and the prices have been standing without change for some months.

Scale paraffin continued week but there has been no change in the position of the fully refined waxes. Some of the low prices heard for scale are suspected as originating in buying sources with an eye to bearishness.

Midcontinent gasoline refiners exhibited a brighter sentiment than for some weeks back. There have been no advances in prices but orders were coming in larger volume and even though the start of the heavy consuming season is several weeks away, the trade regards prospects with much more cheer than they did ten days ago. The decision to continue to Sunday shut-downs in the Texas oil fields for another six weeks was largely responsible for the lift in the outlook.

Daily average production of crude oil in the United States for the week ended January 15 was 3,476,900 barrels, an increase of 39,800 barrels over the preceding week's output, according to the estimates of the American Petroleum Institute. The average for four weeks ended January 15 was 3,460,800 barrels and the average at this time a year ago was 3,184,650 barrels. Crude runs to stills were reported to the A.P.I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 2,924,000 barrels for 79 percent of refinery operation. An additional 316,000 barrels were estimated to have been sent to stills unreported for an estimated total daily average of 3,240,000 barrels against 3,210,000 barrels in the preceding week.

Solvents and Diluents

The reduction in the New York market prices for v.m. & p. naphthas which took place a week ago did not spread to other solvents or naphthas. The cut that has already taken place seemed entirely localized. The middle Western market seemed quite steady with a fair inquiry ruling. The Midcontinent market was also in a steady position.

Petroleum Thinners.—The market continued in an unchanged position here and the recent reduction in the local prices for v.m. & p. naphthas did not have any apparent affect upon the position of this article. Demands were spotty. The Midcontinent market continued unchanged at 6⅜c. per gallon for tankcars.

Rubber Solvents.—The movement of supplies into the Akron rubber shops has been irregular since the beginning of the year. Prices at the Midcontinent continued steady and the basis of 7⅜c. per gallon for tankcars of either light or heavy grades.

Stoddard Solvent.—Midcontinent refiners continued to quote the market at 6⅞c. per gallon for tankcar lots, basis Group 3. The demand side of the market was somewhat spotty last week. Prices in the Eastern sector were unchanged.

V.M. & P. Naphthas.—There was no further change in the Eastern market following the reduction in tankcar and tankwagon prices in New York on January 14. In New York, tankcars were posted at 10c. per gallon and tankwagons at 10½c. per gallon. The Midcontinent market continued steady.

Markets at Other Centers

Chicago, Jan. 20.—Petroleum solvents and diluents appear to have been having little difficulty in maintaining their price position. Tone of the market is steady, in spite of the fact that some of the consuming lines are suffering from a substantial slump in the rate of business. Inquiries are mostly fair. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4c. to 4¼c. per gallon; cleansers' naphtha, 7⅜c. to 7½c., tankcar; 17.2c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 15.9c., tankwagon; lacquer diluents, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.2c., tankwagon.

Tulsa, Jan. 20.—No changes have occurred in solvents' prices and the volume of business is fair while the tone is firm. With a better gasoline market refiners are more encouraged over the prospects for their items.

Lighter Fractions

The light gaseous hydrocarbons continued in an even and unchanged position last week. There has not been any change in sellers' quotations for some time back. Latest reports indicated that the movement into channels of industrial consumption was routine.

Butanes.—Conditions surrounding the market were unchanged from a week ago. The movement has been described as routine and quotations remained at 2¼c. to 3¾c. per gallon for tankcar lots, f.o.b. Group 3.

Hexanes.—The price schedule has not been disturbed for some time and was based at 10½c. per gallon for tankcars, f.o.b. Group 3, with the usual differentials for smaller lots.

Octanes.—This mixture was in an unchanged position. Quotations were based at 10½c. per gallon for tankcar lots, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The market remained in a very quiet position, Bottlers of U.S.P. oils were taking small-sized lots against their contracts. The technical oils moved fairly well. Prices continued in an unchanged position.

Paraffin Waxes.—The scale wax market continued in a weak position. Prices were around 2.40c. per pound for either 122-124 or 124-126 A.m.p., and while some quotations were reported at lower figures there was some doubt as to whether the lower figures were backed by material for sale or whether the figures emanated from buying sources for bearish purposes. There was not much buying activity in the market. Fully refined waxes were also unchanged.

Chicago, Jan. 20.—The refined paraffin wax market was steady, with a good tone generally prevailing. Buyers have been taking out fairly good amounts of material. Inquiries continue to come in moderately well. Stocks are reported fairly substantial, but do not seem to be troubling the market much. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134 bulk or bag, 5.7c. to 5.8c.

Tulsa, Jan. 20.—Considerable weakness has developed in this market as four of the manufacturers have been pushing supplies at concessions. The export market has declined to 2.45c. to 2.70c. per pound f.o.b. New Orleans while the domestic market is 2¾c. per pound Group 3 but there have been some offerings 2.85c. Kansas City and St. Louis.

Petrolatum.—The market situation has not shown much of a change in position. There was not much buying life in the market last week. Snow white continued in a rather soft position but ambers were quite firm.

Fuels and Lubricants

Motor fuel prices in the Eastern seaboard sector were unchanged last week. Snows over most of the middle Atlantic States sector handicapped the consumption and there was not much material moved out of the eastern refineries. Perhaps the most significant movement of the week was an apparent turn in the position of the Pennsylvania lubricating oil market. Spurred by major company buying a week ago, there was more buying life and prices firmed up for the first time in several weeks.

Market Conditions

Gasoline.—The local bulk market did not show much activity during the week under review. Snows throughout the Middle Atlantic seaboard States held the consumption within narrow limits and the gallonage moved out of refineries was light. The jobber purchasing was merely to fill needs. Prices for tankcars continued at 7c. to 7¼c. per gallon, basis refinery, and there were reports of some quotations at 6¾c. per gallon. The retail price structure in New Jersey was spotted with some weak points. The Bureau of Mines estimate for domestic motor fuel demand for February is 32,550,000 barrels or 2 percent higher than the apparent demand for February last year. Motor fuel exports have been estimated at 3,200,000 barrels for February, the decline of 600,000 barrels from the January estimate being based on the shorter month and less optimistic reports from exporters. Stocks of finished and unfinished gasoline amounted to 70,628,000 barrels on November 30, 1937. According to statistics of the American Petroleum Institute, they increased about 6,729,000 barrels during December, bringing them to approximately 77,400,000 barrels as of December 31, 1937, compared with 63,075,000 barrels on hand a year previous. The stocks of December 31, 1937, represent 60 days' supply, while those of December 31, 1936, represented 53 days' supply. During February, 1936 and 1937, finished gasoline stocks increased 9,144,000 barrels and 7,160,000 barrels, respectively, and the Bureau anticipates that they will increase a minimum of 6,200,000 barrels during February, 1938, in connection with distillate production. The Bureau wishes to emphasize that it is not recommending the above increase in stocks but is merely forecasting what may occur in the light of present conditions and past experience.

Kerosene.—There was a moderately active demand at the local refinery points last week. Prices for 41-43 water white material continued at 6c. to 6¾c. per gallon for tankcars at the refinery. The export situation at the U. S. Gulf was also unchanged.

Fuel and Gas Oils.—Demands for all grades were quite lively. Tankcars prices for Nos. 2, 3, and 4 oils were now fairly firm at the basis of 5c. per gallon. Diesel oil continued at the recently reduced prices which was retroactive to January 1. Marine calls for C grade bunker oils were light.

Lubricating Oils.—The Pennsylvania market was firmer on a welcome improvement in buying attitude. The 600 s.r. market was quite firm at 12c. per gallon, including tax. It was the opinion of most refiners last week that the recent weakness in the market has been dissipated and that prices had more than an even chance to recover part of their recent losses.

Markets at Other Centers

Tulsa, Jan. 21.—Although no actual improvement in prices developed in the important departments of the refined oil markets, which, should normally show more bouyancy at this time of the year, a considerably better sentiment prevails throughout the Mid-Continent field. Orders for gasoline are coming into the market on a larger scale than formerly. Furthermore, no offerings at concessions are being made. It is too early to gauge the increase in consumption but it is nevertheless one of the outstanding features of the market. The milder temperatures throughout the middle west has been a significant factor in this development.

While the gasoline consumption situation has improved, the seasonal demand for burning oils has not materialized so far this year and the volume of business done in these grades has fallen below expectations. There has been no change in prices this week and material is available at lower than the year's peak prices. Kerosene, however, is still maintaining its strength and its condition continues tight although there is no change in quotations.

For the first time since last August there is reason to believe that the important weakness in the lubricating oil market is coming to an end. Despite the fact that prices for the export material from the Mid-continent field have been reduced during the past 10 days, signs are developing that the low prices have been reached not only here but also in the Eastern market.

Following are the prices for the various products traded in the Mid-continent field on the basis of Group 3 prices:—

NATURAL GASOLINE.—Excess of supplies in Texas caused a ¼c. drop in the 26-70 grade although affecting other grades but slightly. The 22 pound material was 2⅞c. to 3c.; the 18 pound, 3¼c. to 3⅜c.,

Outputs and Quotas

A comparison of Bureau of Mines calculations for January production, State allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended January 15 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	566,600	550,000	543,600
Kansas	179,300	186,472	180,200
Texas 1,350,900		*1,357,573	1,389,500
Louisiana ..	238,400	256,000	249,600
Arkansas ...	35,200	.....	41,050
Eastern	128,000	.....	133,550
Michigan ...	54,100	.....	50,450
Wyoming ...	55,500	.....	50,200
Montana ...	13,100	.....	13,850
Colorado	4,300	.....	4,550
New Mexico.	103,100	107,100	107,150
California ..	678,300	†678,300	713,200
Totals 3,406,800		.....	3,476,900

* Allowable effective December 16 revised to 1,357,573 effective December 18.

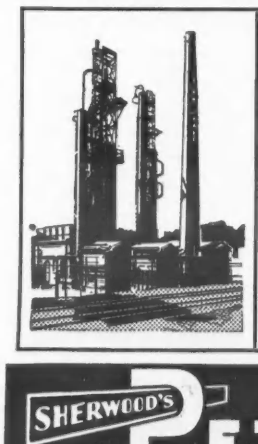
† Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline was also unchanged.

	Jan. 21	Jan. 14	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.322	$1.322	$1.276
Gasoline prices at refineries (at four refining centers) per gallon	.0525	.0525	.0534375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7



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while the 14 pound was 3⅞c. and the 12 pound at 4c. per gallon. The latter two grades are moving well. In the Oklahoma market the 26-70 was quoted at 3c. per gallon.

GASOLINE.—There is very little change in the motor fuels but a better tone is noticeable with no distress materials being offered. U. S. motor low octane is quoted 3¾c. per gallon with many refiners still holding for 4c. The 63-66 nonleaded remains at 4⅛c. to 4⅜c.; the 67-69 at 4⅜c. to 4⅝c. and the 70-72, 4¾c. to 5c. per gallon.

KEROSENE.—Prices are holding up well at 4⅛c. to 4⅜c. for the 41-43 grade and the 42-44 grade at 4¼c. to 4½c. per gallon.

DISTILLATES.—Although disappointing because the lack of the sustained upward trend, there is nevertheless considerable strength in the market and prices are unchanged with no unusually large volume of trading. The 38-40 is 3⅞c. to 4c., while the No. 2 straw is 3¾c. to 3⅞c. per gallon and the gas oils at 3⅝c. to 3¾c. per gallon.

FUEL OILS.—There is considerable weakness in the low grade industrials due to the low demand and the residuals are being offered steadily at 65c. per barrel. The higher grades of 24-28 are unchanged at $1.07½ to $1.12½ for the low cold test and 90c. to 95c. per barrel for the high cold test.

Chicago, Jan. 20.—Much unsettlement continues to exist in the petroleum markets. The tankcar market situation is reflecting it to the extent of considerable nervousness, presumably caused by the continued rapid pile-up of gasoline in storage. Jobbers are buying as needed, but are not exerting much pressure to cause additional declines. Tankwagon and service station markets are still badly cut-up. Kerosene holds tight, influenced by the demand for range oil and furnace oil. These last-named items are in strong market position. The gas oils and light fuels too are readily bought. Heavy fuels continue to be draggy and weak. Lubricating oils are having difficulty in holding their own.

GASOLINE.—Low octane motor, 4c. to 4¼c. per gallon; 63-66 motor, 4⅜c. to 4⅝c.; 67-69 motor, 4⅝c. to 5c.; 70-72 octane motor, 5c. to 5¼c.; 60-62 gravity, 400 endpoint, 4c. to 4½c.; 64-66, 375, 4¾c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅜c. to 4⅝c. per gallon; 41-43, water white, 4⅛c. to 4⅜c.

FURNACE OILS.—No. 1 white, 4⅛c. to 4½c. per gallon; No. 1 straw 4c. to 4⅛c.; No. 2 straw, 3⅞c. to 4c.; No. 2 dark, 3⅝c. to 3⅞c.; No. 3, 3½c. to 3¾c.; 32-36, dark, industrial gas oil, 3c. to 3⅛c.

FUEL OILS.—No. 4, $1.10 to $1.15 per barrel; No. 5, 80c. to 87½c.; No. 6, 72½c. to 80c.

New Orleans, Jan. 18.—Firmness was the keynote of the domestic market last week, with no change in previous price quotations. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 5½c.; U. S. motor below 62 octane at 5½c.; 63-67 octane at 5⅞c. and 68-70 octane at 6⅜c.—all basis refinery.

Kerosene was quoted at an unchanged price of 7⅝c. per gallon at refinery.

Bunker C fuel oil continued to be quoted at 95c. per barrel at terminal and $1 per barrel delivered alongside. Industrial plants in this vicinity were quoted on this grade at $1.46 per barrel, delivered.

Petroleum Production—Motor Fuel Stocks

	Barrels 1938 Jan. 1-Jan. 22	Barrels 1937 Jan. 1-Jan. 22
Commercial crude oil production	76,006,000	69,112,000
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937
Daily average production	3,465,500	3,163,800
	Week ended Jan. 15, 1938	Week ended Jan. 8, 1938
Estimated motor fuel stock total	80,947,000	79,331,000
Estimated finished motor fuel stock at refineries	49,341,000	48,024,000

Gasoline Freights Reduced

The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the Baltimore & Ohio railroad on gasoline, kerosene, blended gasoline, petroleum fuel oil distillate; tank cars, estimated weight 6.6 pounds per gallon minimum weight; from Limestone and Irvine Mills to Sodus, 16½c. per hundredweight, reduction 1½c. per hundredweight, expires June 30, 1938, after which rate of 18c. per hundred rate will apply. Present rate of 14c. per hundredweight to Medina will apply on routes via Rochester, combination rates will apply via former routes through Buffalo, effects reduction via new route and increase via Buffalo, effective January 20; from Rensselaer to Hudson, 5½c. per hundredweight, reduction ½c. per hundredweight, effective January 25.

Phosphate Mining Enters Chemical Field

—*Continued from page 4*

The new electric furnace has been operating for about two weeks. Electrical energy is supplied by the Phosphate Mining Company's own power plant. The chemical units which were designed and built by the company's own staff of engineers are completely modern and of fireproof construction. Cash reserves of the company were ample to cover construction costs and to provide working capital, and no new financing was necessary for the new developments. The marketing of phosphorus, phosphoric acid and triple superphosphate will be handled by the company's sales staff.

The phosphate mining activities, which the company has carried on continuously since 1905, will be continued as before and the company's new activities will, of course, increase utilization of the phosphate it mines. The company owns several patents for improving methods of mining and recovery of phosphate and some of these have been in practical operation for a number of years. J. Treadwell Bullwinkel, president of the company, is now in Florida to supervise the inaugural operations of the new unit.

Independent Petroleum Association of America, of which Chas. F. Roeser is president, has called a meeting of its executive committee for January 18 at the Biltmore hotel, Oklahoma City, Okla. The meeting of the Interstate Oil Compact Commission will be held on the same date.

Fertilizer Materials

Buying Interest in Organics Subsides—Prices Firm on Light Supplies—General Trading Light—Import Duty on Tankage Sought

There was a recession of interest in the organic materials last week. The buying movement seemed to have stopped just as suddenly as it started shortly after the beginning of the month. Limited supplies, however, kept prices pointing upward and many of the week's trades were consummated at advanced levels.

Outside of the organic group there was no life in the market. Calls for sulphate and cyanamide to Southern interior points gave some flux to things, but even this activity seemed to be localized. Nitrate may start moving at any time, but to date there has been little evidence of the bulge in shipping directions that usually takes place around the latter part of January.

Weather conditions in the lower cotton belt have been quite favorable to soil preparation, but as reported here previously, the fertilizer producers have been meeting resistance to higher prices where they have been named and such a condition usually signalizes a late season.

Tankage, unfit for human consumption, would be made subject to an import duty of $13.25 per ton under the provisions of a bill introduced in the senate by Senator Gerald P. Nye of North Dakota. Under the 1930 tariff act tankage is on the free list.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., Chicago, 25c. per unit-ton.
New York, 15c. per unit-ton.
import., 10c. per unit-ton.
Fish meal, menhaden, grd., Balto., 50c. per ton.
Hoof meal, Chicago, 10c. per unit-ton.
Tankage, dom., Chicago, feed grade, 10c. per unit-ton.
import, 20c. per unit-ton.

Reduced

Nitrogenous material, dom., Western, 5c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.7	66.7	66.7	64.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—There has not been much of a change in the position of the market. Although requests for deliveries against contracts usually come into the market in volume around the latter part of January, the sellers have not received many requests for shipments yet. The price situation continues undisturbed at the schedule.

Sulphate of Ammonia.—Steel mill operations were increased for the third week in succession when they reached 29.8 percent of capacity last week against 27.8 percent in the preceding week. So far, the sellers have been able to fill the demands of the trade, which, in some cases, required adroit maneuvering of orders to mill points where the supply position was better than that at other ovens. However, the market is still considered tight. Buyers still have the opportunity to cover for six months' contracts at the $28.50 per ton price for bulk shipment. This contract offering expires at the end of the month.

Dried Blood. — Although demands were not so active as in the few preceding weeks, the light supply in the local market kept prices in a strong position. As reported in the late market summary of last week's issue, sales were made at $3.10 per unit and in the latter part of the week under review, a sale was registered at $3.15 per unit. The Chicago market jumped up to $3.35 per unit, a boost of 25c. per unit over the preceding week. Because of the sharp jump in Chicago, some Eastern material was reported selling in the Middle West. Imported material for January shipment was quoted at $3.45 per unit, a rise of 10c.

Fish Scrap.—Japanese sardine meal was about the only tradable item in the list. Prices for January-February shipment from the Orient continued at $47 to $47.50 per ton, with little buying done. The spot position ranged from $46.50 to $48 per ton, depending upon the port. New York was the cheapest spot market; Baltimore the highest priced.

Hoof Meal.—Holders of stocks in Chicago increased the asked price to $3.35 per unit, a rise of 10c. per unit over the price named in recent weeks.

Nitrogenous Material.—Sales of Western material have been reported at the basis of $2.20 per unit, f.o.b. producing point, which is 5c. lower than previous quotations. At the same time, one of the leading Western suppliers is reported to be sold up until April. The Eastern market was quiet.

Tankage.—Feeding grade material moved higher in Chicago with quotations at $3.25 and 10c. per unit-ton, a boost of 10c. over a week ago. The price quoted for imported material was also higher at $3.45 and 10c. per unit-ton, c.i.f. The New York market held at $3 and 10c. per unit-ton for either ground or unground, with very little material offered.

Potashes

There is no life in the potash materials market these days. There has been practically no ordering and the market was now described as being at its dullest position for the season to date. Prices continued at schedule.

Phosphates

Phosphate materials have been in an idle position for some weeks. Importers and domestic sellers of bone products have had very little inquiry from their buyers and the superphosphate producers have also had very little call for shipment from the dry mixers. There was not a single change in prices in this group last week.

Bone Materials.—The movement of these products has been small and there is very little interest from the buying trade. Imported materials seem to hold a firm position because of reported buying activity in Europe and South Africa.

Superphosphate.—The week to week position of the market does not show much change. There is no supply problem now as the producers have manufactured a sufficient stock to cover any reasonable demand. Prices continued steady.

Sulphur and Pyrites

Because of seasonal inactivity in the fertilizer industry's interest in sulphur, January and February are usually slow shipping months. Acid makers for the chemical process industries have been taking regular-sized deliveries. Deliveries to the paper trade in the North were few, but this is also a seasonal condition and most of these buyers have their entire Winter supply piled up because of ice-blocked waterways in the cold weather months.

Markets at Other Centers

Atlanta, Jan. 20.—No marked increase in buying was reported but inquiries continue to afford a degree of optimism over the outlook. The organic ammoniate situation reflects a stronger market. Cottonseed meal continues to advance and, blood and tankage are in a stronger position.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$9.60 per ton, interior producing points.
NITRATE OF SODA.—$27 per ton, f.o.b. ports.
SULPHATE OF AMMONIA.—$29 per ton, port basis.
COTTONSEED MEAL.—$24.50 to $25 per ton, interior mills.
NITROGENOUS. — Foreign, $2.75 per unit, ports.
BLOOD.—Foreign, $3.50 per unit, ports; $3.10, Chicago.
TANKAGE.—Foreign, $3.50 and 10c. per unit; $2.90 and 10c., Chicago.

Baltimore, Jan. 20.—The market for fertilizer materials here was still marked by quiet. The current quotations were as follows:—

FISH SCRAP.—Unground menhaden at resale was mentioned around $3.50 and 10c. to $3.60 and 10c. per unit-ton, c.a.f. basis Baltimore. With no stocks at the factories on the lower Chesapeake Bay, transactions are reduced to such trading as originates from holders with supplies to spare. Domestic menhaden meal is still held at $54 per ton, with Japanese sardine meal at $46.50 per ton, c.i.f.

TANKAGE.—$3 and 10c. per unit-ton for ground and at $2.75 and 10c. per unit-ton for unground.

BLOOD.—$3 per unit-ton, basis Baltimore.

SUPERPHOSPHATE.—Stocks of this material are not scarce at this time, with inventories on the increase. Quotations stand at $8.50 per ton for run of pile and at $9 per ton for 16 percent guaranteed.

GARBAGE TANKAGE.—$8 to $8.50 per ton at shipping points, which makes the price f.o.b. Baltimore about $12.

BONE.—$22 per ton for 1 and 60 bone flour; $26 to $27 per ton for 3 and 50 ground steamed, and $29 per ton for 4½ and 50 raw.

Chicago, Jan. 20.—A slightly better tone was reported here and there in the general fertilizer materials market. Buyers seem to be a little more reassured as to the outlook, although in few cases are they willing to make commitments for heavy amounts of material for deferred shipment. Blood is fairly well bought, with prices tending a shade firmer. Tankage has been moving fairly well, although mostly in limited quantities. Bone materials are subject to some inquiry, with tone fairly good. Cracklings have been doing a little better lately.

BLOOD.—Principal grade, $3.35 per unit of ammonia.

TANKAGE.—High grade, ground, $2.75 to $2.80 and 10c.; low grade, $15 to $16; liquid stick, $2.50 to $2.60; hoof meal, $3.25 to $3.35.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $18 to $19; 3 and 50 percent, $19 to $21; 4½ and 50 percent, $26 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40, mostly nominal; cattle jaws, skulls and knuckles, $16 to $18; pork cracklings, soft pressed, $40 to $45; beef cracklings, soft pressed, $30 to $35; hard pressed cracklings, per unit of protein, 62½c. to 67½c.

San Francisco, Jan. 19.—A bigger demand for organic fertilizer materials forced fish meal, tankage and blood to higher ground and last week the levels of these commodities advanced on the Pacific Coast in some cases sharply. Buyers continue to be in the market, but some of the prices being quoted at the moment are discouraging trade, and, as a matter of fact, an actual scarcity of fish meal particularly, exists. As a matter of fact animal products in general are none too plentiful just now. In the chemical fertilizers market things remain mostly quiet. There is but little selling going on, if any, as the mixing trade has bought about all it will take for the coming season and the larger growing associations are well taken care of by now. A little reselling was in evidence on sulphate of ammonia last week, the material going at the standard price.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton, bulk lots, $27 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Sellers of Pacific Coast and Canadian production of sulphate of ammonia have been out of the market.

SUPERPHOSPHATE. — Domestic superphosphate is quoted at from 75c. to 80c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at from 80c. to 85c. per unit. Foreign material mostly nominal.

AMMONIA PHOSPHATE.—Quoted at $42 per ton, single bags, f.o.b. cars San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal is stronger, having advanced last week to $45 per ton, f.o.b. cars, San Francisco/Monterey. Quoted in the Los Angeles market today at $44 per ton. Demand has been good, but advancing prices have kept part of the trade away. Meal is scarce this year, production having been poor.

TANKAGE. — Domestic, ground, high grade, $3.25 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Lower grades, unground, quoted at $2.80 and 10c. Dry rendered ground, quoted at 70c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 62½c.

BLOOD MEAL.—Domestic, $3.15 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic and imported steamed meal, quoted in range, according to seller and quality, at $27 to $32 per ton, delivered Pacific Coast ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Smith-Douglas Co. Completes Acid Plant

The Smith-Douglass Company, fertilizer manufacturer, Norfolk, has completed construction of a new sulphuric acid plant at Money Point, Va., ten miles from the Norfolk shipping center.

The new plant was designed and constructed by the Chemical Construction Corporation, this city, and will employ the "Chemico" contact system to produce acid from sulphur. Normal operations will produce 66° Be. acid in the equivalent of 800 tons of 50-degree acid a week. Its potential capacity is the equivalent of 950 tons.

The company's acid production will be used primarily in its manufacturing of superphosphate. Surplus acid will be placed on the market when available; its grade is described as "prime commercial."

The Smith-Douglass Company has also completed installation of a Broodfield superphosphate unit with a capacity of 20 to 30 tons an hour. The company has plants in operation in Money Point and Danville, Va., and Kinston, Murfreesboro, and Washington, N. C.

Bone Dry Fertilizer Company's plant in Richmond, Va., was destroyed by fire, January 7. The damage was estimated at $50,000.

J. Albert Woods, vice-president of Chilean Nitrate Sales Corporation, this city, is recovering from an appendectomy at the Doctors' Hospital, also of this city. The operation was performed January 19.

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ACONITE ROOT—18 bgs, 1,980 lbs, J L Hopkins & Co, Barbarigo, Genoa
ADEPS LANAE—101 kgs, C Tenent Sons & Co, American Importer, Manchester
ALTHEA ROOT—18 bls, P H Petry & Co, Vulcania, Trieste
ALUMINUM LEAF—63 cs, F P Gaskell & Co, Black Tern, Antwerp
ANTIMONY METAL—13 cks, 5 tons, 5 cwts, 2 qtrs, 16 lbs, Stanley Fulwood, Port Caroline, Liverpool
ORE—820 bgs, Santa Maria, Antofagasta
1,053 bgs, Santa Maria, Mollendo
ARTIST'S MATERIAL—4 cs, M Grumbacher, Kiyokawa, Yokohama
ASBESTOS—1,000 bgs, Barbarigo, Genoa
BALSAM—10 cs, W Loaiza & Co, Jamaica, Cristobal
BARYTES—400 bgs, 44,000 lbs, Smith Color & Chem Co, Barbarigo, Genoa
BELLADONNA ROOT—50 bls, P H Petry & Co, Vulcania, Trieste
BLUE, BLEACHERS—5 bbls, 1 ton, 2 cwts, 2 qtrs, A De Ronde & Co, Port Caroline, Liverpool
BRONZE—16 cks, C J Osborn & Co, Volendam, Rotterdam
BONES—2 cars, Geck Trading Corp, Seatrain N Y, Havana
BRISTLES—1 cs, F H Cone & Co, Kiyokawa, Kobe
6 cs, Iwai & Co, Kiyokawa, Kobe
20 cs, H Rosenhirsch Co, Kiyokawa, Tientsin
2 cs, Chase Natl Bank, Black Tern, Antwerp
13 cs, Chesnut, Cooper & Co, Berengaria, Southampton
BRONZE POWDER—2 cs, Heemsoth, Kerner Corp, Deutschland, Hamburg
CAMPHOR—100 cs, F W Woolworth & Co, Kiyokawa, Kobe
CHEMICALS—40 cks, Innis, Speiden & Co, Alex Van Opstal, Antwerp
455 cks, Alex Van Opstal, Antwerp
200 bgs, 33,000 lbs, Innis, Speiden & Co, Deutschland, Hamburg
6 bbls, 2,530 lbs, Deutschland, Hamburg
25 cks, 9,416 lbs, Jungmann & Co, Deutschland, Hamburg
74 bbls, 27,440 lbs, National City Bank, Deutschland, Hamburg
22 bbls, 8,439 lbs, Deutschland, Hamburg
13 cs, Schimmel & Co, Deutschland, Hamburg
11 bbls, Hoffmann La Roche, Deutschland, Hamburg
1 bbl, F Behrend, Deutschland, Hamburg
10 dms, 4 bbls, Bergstrom Trading Co, Drottningholm, Gothenburg
70 cs, Mallinckrodt Chem Works, Drottningholm, Gothenburg
3 cks, Robinson Wagner Co, Volendam, Rotterdam
75 cks, Volendam, Rotterdam
250 bgs, Philipp Bros, Black Tern, Antwerp
PHOTO — 2 cs, American Express Co, Deutschland, Hamburg
CHILLIES — 224 bgs, I Harrison & Whitney, Asosan, Kobe
150 bgs, E L Jones & Co, Asosan, Kobe
COALTAR, INTERMEDIATES — 50 dms, General Aniline Works, Volendam, Rotterdam
30 cks, 7 dms, 20 tins, 2 jugs, General Dyestuff Corp, Volendam, Rotterdam
COCOA BEANS — 210 bgs, W & A Leamon, Jamaica, Port au Prince
454 bgs, W & A Leaman, Jamaica, Port de Paix
50 bgs, Wessel, Duval & Co, Jamaica, Port de Paix
770 bgs, Balfour, Guthrie & Co, Cathlamet, Grand Bassam
770 bgs, Balfour, Guthrie & Co, Cathlamet, Sassandra
1,074 bgs, Curacao Trading Co, Borinquen, Trujillo
500 bgs, W R Grace & Co, Santa Maria, Guayaquil
250 bgs, Santa Maria, Guayaquil
500 bgs, Cristobal, Cristobal
130 bgs, Lopez & Mangual, Medea, Maracaibo
350 bgs, Struller & Wood, Medea, Petit Goave
900 bgs, Curacao Trading Co, San Jacinto, Macoris
450 bgs, Curacao Trading Co, San Jacinto, Puerto Plata
125 bgs, Porcella, Vicini & Co, San Jacinto, Puerto Plata
695 bgs, Curacao Trading Co, San Jacinto, Sanchez
168 bgs, Gillespie & Co, San Jacinto, Sanchez
59 bgs, Porcella, Vicini & Co, San Jacinto, Sanchez
50 bgs, Volendam, Rotterdam
500 bgs, W Bartholomew & Co, Cubano, Port Spain
175 bgs, Meyer & Co, Cubano, Port Spain
500 bgs, Cubano, Port Spain
100 bgs, Meyer & Co, Falcon, Curacao
250 bgs, Western Prince, Trinidad
COCONUTS — 450 bgs, 45,000 lbs, Standard Fruit Co, Ceiba, La Ceiba
100 bgs, 10,000 lbs, J Simon & Co, Jamaica, Kingston
600 bgs, 60,000 lbs, I L Toledano Corp, Cristobal, Cristobal
1,400 bgs, 140,000 lbs, Durkee Famous Food, Nerissa, Trinidad
622 bgs, 62,200 lbs, Durkee Famous Food, Nerissa, St Vincent
625 bgs, 62,500 lbs, Far Eastern Mfg Co, Veragua, Kingston
600 bgs, 60,000 lbs, I L Toledano Corp, Veragua, Kingston
756 bgs, 75,600 lbs, General Foods Corp, Veragua, Kingston
COLUMBITE ORE—840 bgs, Ledoux & Co, Cathlamet, Port Harcourt
COLORS—2 cs, 600 lbs, Deutschland, Hamburg
1 cs, Globe Shipping Co, Deutschland, Hamburg
PRINTING—2 dms, 8 cs, American Express Co, Deutschland, Hamburg
COPAIBA BALSAM—4 dms, Magnus, Mabee & Reynard, Kiyokawa, Kobe
CORIANDER SEED—124 bgs, Batory, Gdynia
CORK—122 bls, Armstrong Cork Co, Nordhavet, Seville
WOOD—100 bls, Chase National Bank, Nordhavet, Lisbon
25 bls, Wicander & Co, Nordhavet, Lisbon
40 bls, Armstrong Cork Co, Nordhavet, Lisbon
100 bls, Black Tern, Antwerp
CUBEBS—32 bgs, Troilus, Singapore
CUTCH—997 bgs, Sig Saxe, Troilus, Singapore
CUTTLEFISH BONES—52 bgs, S B Penick & Co, Vulcania, Trieste
DRUGS CRUDE—4 cs, 653 lbs, Deutschland, Hamburg
30 cs, Chase National Bank, Berengaria
DYES, ALIZARIN—10 dms, 22 cks, 2 jugs, General Dyestuff Corp, Volendam, Rotterdam
ANILIN — 2 pkgs, General Dyestuff Corp, Deutschland, Hamburg
2 cks, L & R Organic Prod Co, Volendam, Rotterdam
2 cs, 31 dms, 19 cks, General Dyestuff Corp, Volendam, Rotterdam
2 bbls, 1 cs, L & R Organic Prod Co, Black Tern, Antwerp
1 dm, E I du Pont de Nemours Co, Port Caroline, Liverpool
FENNEL SEED—80 bls, Barbarigo, Fiume
FILTER, PAPER—6 cs, H Reeve Angel & Co, Berengaria, Southampton
FLAXSEED—3,657 tons, 146,280 bus, Dagred, Rosario
600 tons, 36,000 bus, Bunge North American Grain Co, Western Prince, Buenos Aires
1,702 bgs, 3,744 bus, Bunge North American Grain Co, Western Prince, Buenos Aires
GAMBIER—425 cs, City of Lyons, Belawan Deli
340 cs, American Dyewood Co, Troilus, Belawan
GELATIN—4 cs, Dingelstedt & Co, Deutschland, Hamburg
100 bls, L H Lang G Van Gelder, Black Tern, Antwerp
GINGER ROOT—134 bgs, G B Ollivant, Cathlamet, Sierra Leone
GLASS, PLATE—21 cs, Globe Shipping Co, Deutschland, Hamburg
WINDOW—2,751 cs, Banque Belge Pour l'Etranger, Alex Van Opstal, Antwerp
66 cs, L Solomon & Son, Alex Van Opstal, Antwerp
500 cs, Alex Van Opstal, Antwerp
11 cs, Brown Bros, Harriman Co, Alex Van Opstal, Antwerp
24 cs, Deutschland, Hamburg
20 cs, J Marks & Bros, Black Tern, Antwerp
15 cs, Semon, Bache & Co, Black Tern, Antwerp
84 cs, Leo Popper & Son, Port Caroline, Liverpool
GLUE—20 bgs, 1 ton, 1 qtr, 12 lbs, G H Hemmel, Port Caroline, Liverpool
GLUESTOCK—164 bls, Manufacturers Trust Co, City of Khios, Calcutta
GLYCERIN—1 car, Procter & Gamble Co, Seatrain New York, Havana
GRAPHITE—276 bgs, Irving Trust Co, City of Khios, Colombo
250 bgs, Asbury Graphite Mills, City of Khios, Colombo
1,620 bgs, National City Bank, City of Khios, Colombo
GUM, ARABIC—300 bgs, Paul A Dunkel & Co, City of Khios, Port Sudan
BENZOIN—50 cs, S B Penick & Co, Troilus, Batavia
25 cs, R J Prentiss & Co, Troilus, Batavia
4 cs, Troilus, Bangkok
CHICLE—225 bgs, Guaranty Trust Co, Panuco, Tampico
COPAL—560 bgs, Stroock & Wittenberg, Alex Van Opstal, Antwerp
400 bgs, S Winterbourne & Co, Alex Van Opstal, Antwerp
DAMMAR—100 cs, American Cyanamid & Chemical Co, City of Lyons, Batavia
1 cs, M L Kattenhorn, Troilus, Batavia
210 bgs, G W S Patterson & Co, Troilus, Singapore
GAMBOGE—4 cs, Troilus, Singapore
LOCUST BEAN—40 bgs, 2 tons, 2 qtrs, 24 lbs, Port Caroline, Liverpool
YACCA—2,949 bgs, City of Delhi, Adelaide
HENNA LEAVES—13 bls, City of Khios, Port Sudan
82 bls, City of Khios, Port Said
HERBS, MEDICINAL—9 bls, Batory, Gdynia
30 bls, Barbarigo, Fiume
16 bgs, 2,530 lbs, Knickerbocker Mills Co, Deutschland, Hamburg
15 bls, 9 bgs, 4,510 lbs, Peek & Velsor, Deutschland, Hamburg
62 bls, S B Penick & Co, Vulcania, Trieste
8 bls, Peek & Velsor, Vulcania, Trieste
7 bls, Allaire, Woodward & Co, Vulcania, Trieste
27 bls, P H Petry & Co, Vulcania, Trieste
9 bls, Vulcania, Trieste
HOPS—30 bls, R F Downing & Co, Batory, Gdynia
10 bls, Batory, Gdynia
80 bls, Globe Shipping Co, Deutschland, Hamburg
40 bls, Bode & Voigt, Deutschland, Hamburg
20 bls, R F Downing & Co, Deutschland, Hamburg
35 bls, Otto Seidenberg, Deutschland, Hamburg
20 bls, Bode & Voigt, Vulcania, Trieste
INK, PRINTING—17 cs, 4,125 lbs, Deutschland, Hamburg
INSECTICIDE—10 dms, City of Delhi, Sydney
IPECAC ROOT—7 bgs, Jamaica, Cristobal
IRISH MOSS—100 bls, 10 tons, 1 cwt, 3 qtrs, 14 lbs, Port Caroline, Liverpool
IRON ORE—45 dms, Reichard Coulston, American Importer, Manchester
42 tins, American Express Co, McKeesport, Liverpool
OXIDE—25 cks, State Chem & Color Co, Volendam, Rotterdam
35 cks, C J Osborn & Co, Volendam, Rotterdam
166 bbls, Atlantic Forwarding Co, Black Tern, Antwerp
35 cks, 6 tons, 2 cwts, 2 qtrs, Port Caroline, Liverpool
ISINGLASS—12 cs, C H Reisig, Port Caroline, Liverpool
LAC—8 bbls, Franz Euler Corp, Deutschland, Hamburg
LEAD, WHITE—100 cs, 40 cks, Fezandie & Sperrle, Vulcania, Trieste
LECITHIN—5 bbls, 2,629 lbs, Deutschland, Hamburg
10 bbls, 5,218 lbs, Deutschland, Hamburg
LITHOPONE—500 cks, B Moore & Co, Volendam, Rotterdam
LUNGWORT LEAVES—10 bls, P H Petry & Co, Vulcania, Trieste
MAGNESIA, CARBONATE—70 cs, Schofield-Donald Co, American Importer, Manchester
17 bgs, Mitsui & Co, Asosan, Kobe
100 cs, 3 tons, 6 cwt, 3 qtrs, 4 lbs, Schofield-Donald Co, Port Caroline, Liverpool
40 bgs, 18 cwt, 1 qtr, 16 lbs, Schofield-Donald Co, Port Caroline, Liverpool
MAGNESITE, GRAIN—120 bgs, City of Khios, Madras
LUMP—1,080 bgs, City of Khios, Madras
MANGANESE ORE — 2,091 bgs, Nordhavet, Casablanca
MATCHES, SAFETY—2,000 cs, Godo Match Co, Asosan, Kobe
MATE—10 cs, Banca Coml Italian, Western Prince, Buenos Aires
40 bndls, 3 bls, 26 cs, 6 cyls, Esteve, Western Prince, Buenos Aires
MEDICINAL PREPS—25 cs, Volendam, Rotterdam
MENTHOL—25 cs, C L Huisking & Co, Asosan, Kobe
20 cs, Bridges Neumer & Co, Asosan, Kobe
75 cs, Iwai & Co, Kiyokawa, Kobe
MICA—13 cs, Western Prince, Rio de Janeiro
BLOCK—51 cs, City of Khios, Calcutta
DISC—7 cs, City of Khios, Calcutta
FILM—15 cs, A O Schoomaker Insultation Co, City of Khios, Calcutta
3 cs, City of Khios, Calcutta
SPLITTINGS—396 cs, General Electric Co, City of Khios, Calcutta
16 cs, Philadelphia National Bank, City of Khios, Calcutta
149 cs, City of Khios, Calcutta
MILK POWDER — 188 cs, R E Schwanzer, Volendam, Rotterdam
MOLASSES—9,430 tons, Athelfoam, Danzig
34,832 gls, American Molasses Co, Seatrain New York, Havana
NAPHTHALENE—285 bgs, F B Bertrand, McKeesport, Manchester
NUTMEGS—318 bgs, Nerissa, Trinidad
310 bgs, Troilus, Batavia
OIL, ANISE — 50 dms, Troilus, Hongkong
BAY—7 cs, Barclay Bank, Nerissa, Dominica
CAMPHOR — 40 dms, Mitsui & Co, Asosan, Kobe
CHINAWOOD — 100 dms, Com'l National Bank, Kiyokawa, Shanghai
CITRONELLA — 8 dms, City of Lyons, Batavia
4 dms, Troilus, Batavia
COCONUT — 817 tons, Philippine Refg Co, Asosan, Cebu
CODLIVER — 50 dms, Volendam, Rotterdam
ESSENTIAL — 9 cs, Volendam, Rotterdam
4 pkgs, Berengaria, Southampton
EUCALYPTUS — 24 dms, Dodge & Olcott Co, City of Delhi, Sydney
FUEL — 100,000 bbls, Standard Oil Co of N J, Beacon, Aruba
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
77,407 bbls, Asiatic Petroleum Corp, Fagerfjell, Curacao
GREASE — 20 bbls, Continental Bank & Trust Co, Kiyokawa, Kobe
JUNIPER — 4 dms, Fritzsche Bros, Nordhavet, Seville
2 dms, Ungerer & Co, Nordhavet, Seville
LEMONGRASS — 4 dms, Volkart Bros, City of Khios, Cochin
4 dms, City of Khios, Cochin
LIME — 4 cs, R Desvernine, Nerissa, Martinique
OLIVE — 350 dms, 50 cs, Barbarigo, Genoa
10 dms, 1,750 cs, Barbarigo, Leghorn
600 cs, Barbarigo, Genoa
31 pkgs, Vulcania, Naples
524 cs, 60 cks, Vulcania, Palermo
ORANGE — 2 dms, Tombarel Prod Corp, Jamaica, Port au Prince
PALM — 50 dms, I R Boody & Co, Volendam, Rotterdam
645 tons, Van Leeuwen Boomkamp & Co, Troilus, Belawan Deli
PETITGRAIN — 75 cs, Western Prince, Buenos Aires
SAGE — 5 cks, 8 cs, Dodge & Olcott Co, Vulcania, Trieste
5 bbls, Vulcania, Dubrovnik
SHEA NUT—1,034 dms, Balfour, Guthrie & Co, Cathlamet, Grand Bassam
260 dms, Balfour, Guthrie & Co, Cathlamet, Port Bouet
SOD — 25 cks, First National Bank, Black Tern, Antwerp
VEGETABLE — 50 dms, W R Grace & Co, Kiyokawa, Kobe
PAPAIN—30 cs, Brown Bros, Harriman Co, City of Khios, Colombo
1 cs, Troilus, Bangkok
7 pkgs, Dodwell & Co, Troilus, Colombo
PAPRIKA—18 cs, 125 bgs, Deutschland, Hamburg
PARAFFIN—3,200 bgs, Asiatic Petroleum Corp, Port Caroline, Liverpool
PATCHOULI LEAVES—16 bls, City of Lyons, Singapore
PEATMOSS—600 bls, 96,536 lbs, Deutschland, Hamburg
1,054 bls, C K Ketzel, Volendam, Rotterdam
198 bls, Premier Peatmoss Corp, Volendam, Rotterdam
1,620 bls, Premier Peatmoss Corp, Black Tern, Rotterdam
PETROLEUM, CRUDE—76,000 bbls, Standard Oil Co of N J, Beaconstreet, Aruba
4,064,382 gls, Standard Oil Co of N J, Koll, Guiria
POPPYSEED—350 bgs, 38,500 lbs, J Loewith, Batory, Gdynia
POTASH, MURIATE—quantity, N V Potash Export, Mij, Alex Van Opstal, Antwerp
SULPHATE—250 bgs, N V Potash Export Mij, Alex Van Opstal, Antwerp
PYRETHRUM FLOWERS—125 bls, Sherwood Petroleum Co, Kiyokawa, Kobe
875 bls, J Powell & Co, Kiyokawa, Kobe
125 bls, Stanco, Inc, Kiyokawa, Kobe
QUICKSILVER — 61 flasks, Chase National Bank, Orizaba, Vera Cruz
15 flasks, Orizaba, Vera Cruz
ROOT, MEDICINAL—8 bls, 1 bg, 2,213 lbs, R D Hines, Deutschland, Hamburg
20 bls, Peek & Velsor, Vulcania, Trieste
ROSE LEAVES—10 bls, Nordhavet, Casablanca
SAGE LEAVES—25 bls, Vulcania, Trieste
59 bls, E E Marks & Co, Vulcania, Dubrovnik
SAGO FLOUR—800 bgs, Troilus, Singapore
SANDALWOOD—919 bgs, W J Bush & Co, City of Khios, Madras
SARDINE MEAL—2,000 bgs, Mitsui & Co, Asosan, Kobe
SESAME SEED—206 bgs, T M Duche & Sons, City of Khios, Port Sudan
70 bgs, Troilus, Hongkong
SHELLAC—250 bgs, 100 cs, Gillespie-Rogers-Pyatt Co, City of Khios, Calcutta
550 bgs, Argenti & Co, City of Khios, Calcutta
100 bgs, Philadelphia Natl Bank, City of Khios, Calcutta
100 bgs, Mitsubishi-Shoji-Kaisha, City of Khios, Calcutta
GARNET LAC—50 bgs, Gillespie-Rogers-Pyatt Co, City of Khios, Calcutta
SEEDLAC—1,400 bgs, Argenti & Co, City of Khios, Calcutta
SIENNA—23 bbls, 15,576 lbs, Barbarigo, Leghorn
SOAP, BARK—242 bls, Santa Maria, Valparaiso
SOAP—100 cs, R H Macy & Co, Vulcania, Trieste
6 cs, R F Downing & Co, Berengaria, Southampton
SODA SULPHATE—592 bgs, Santa Maria, Antofagasta
SPONGES—19 bls, Florida Sponge & Chamois Co, Orizaba, Havana
23 bls, J H Rhodes & Co, Munargo, Nassau
REFUSE—16 bls, Florida Sponge & Chamois Co, Orizaba, Havana
32 bls, Munargo, Nassau
TALC—2,250 bgs, C Mathieu, Barbarigo, Genoa
TAMARINDS—4 bbls, City of Khios, Madras
TANKAGE—1,609 cakes, Van Iderstine Co, Borkum, Buenos Aires
508 bgs, Western Prince, Montevideo
TAPIOCA FLAKE—781 bgs, Stein, Hall & Co, City of Lyons, Batavia
429 bgs, Stein, Hall & Co, Troilus, Sourabaya
FLOUR—250 bgs, American Cyanamid & Chem Co, City of Lyons, Batavia
1,200 bgs, H P Winter & Co, City of Lyons, Batavia
1,070 bgs, Balfour, Guthrie & Co, City of Lyons, Batavia
250 bgs, Central Hanover Bank Trust Co, City of Lyons, Batavia
250 bgs, Bank of Manhattan, City of Lyons, Batavia
1,000 bgs, City of Lyons, Batavia
7,996 bgs, Stein, Hall & Co, City of Lyons, Batavia
300 bgs, H P Winter & Co, City of Lyons, Cheribon
4,821 bgs, Stein, Hall & Co, Troilus, Sourabaya
809 bgs, American Cyanamid & Chem Co, Troilus, Cheribon
2,234 bgs, Stein, Hall & Co, Troilus, Cheribon
2,670 bgs, Stein, Hall & Co, Troilus, Batavia
SEED—299 bgs, Stein, Hall & Co, City of Lyons, Batavia
TARTAR—185 bgs, Standard Brands, Nordhavet, Lisbon
TEAWASTE — 1,954 bgs, Citro Chem Co, City of Khios, Calcutta
1,826 bgs, Maywood Chem Works, City of Khios, Calcutta
TOILET PREPS — 2 cs, R F Downing & Co, Berengaria, Southampton
TOLU BALSAM — 20 cs, H E Botzow, Veragua, Porto Colombia
TUBA ROOT — 45 bls, Dodwell & Co, Troilus, Singapore
UREA — 334 bgs, Advance Solvents & Chem Co, Volendam, Rotterdam
VANADIUM — 2,400 bgs, Vanadian Corp, Santa Maria, Callao
VANILLA BEANS — 13 cs, Berengaria, Southampton
VARNISH — 30 bbls, American Express Co, McKeesport, Liverpool
WAX, BEES — 22 bgs, Panuco, Tampico
11 bgs, Irving Trust Co, Borinquen, Trujillo
80 bgs, Wessel, Duval & Co, Western Prince, Santos
80 bgs, Western Prince, Santos
MINERAL — 350 bgs, General Dyestuff Corp, Volendam, Rotterdam
MONTAN — 750 bgs, Strohmeyer & Arpe Co, Deutschland, Hamburg
SKI — 4 cs, Rohner, Gehrig & Co, Deutschland, Hamburg
VEGETABLE — 200 cs, Strohmeyer & Arpe Co, Asosan, Kobe
100 cs, Mitsui & Co, Asosan, Kobe
WOOLFAT — 15 cs, 3,935 lbs, Phoenix Shipping Co, Deutschland, Hamburg
WHITING — 3,323 bgs, Alex Van Opstal, Antwerp
YEAST — 32 crtns, Fagan Yeast Co, Fort Amherst, Halifax
10 bbls, Schenker & Co, Batory, Gdynia
200 bbls, Vulkan Yeast Co, Deutschland, Hamburg
1 cs, P H Petry & Co, Deutschland, Hamburg
33 crtns, Fagan Yeast Co, Belle Isle, Halifax
ZINC OXIDE — 100 bbls, Innis, Speiden & Co, Alex Van Opstal, Antwerp

New York Transit Imports

DIACETYL—1 cs, Volendam, Rotterdam, Buffalo
OIL, COCONUT—900 tons, Spencer Kellogg & Sons, Kiyokawa, Manila, Buffalo
PAPAIN—53 cs, American Ferment Co, City of Khios, Colombo, Buffalo
SODA, ALGINATE—40 kgs, Port Caroline, Liverpool, Bloomfield, N J
SPONGES—13 bls, Oriente, Havana, Detroit
47 bls, Munargo, Nassau, London
WASTE—83 bls, Munargo, Nassau, London
15 bls, Munargo, Nassau, Kobe

Baltimore Imports

BONEMEAL — 3,275 bgs, Ida, Fiume
3,308 bgs, Ida, Trieste
CHROME ORE — 1,091 tons, City of New York, Lourenco Marques
COCONUT DESIC — 200 cs, Tai Yin, Manila
COPRA — 1,587 tons, Procter & Gamble Co, Tai Yin, Cebu
1,100 tons, Procter & Gamble Co, Fernglen, Zamboanga
300 tons, Procter & Gamble Co, Fernglen, Cebu
700 tons, Procter & Gamble Co, Fernglen, Bulan
IRON ORE — 21,800 tons, Bethlehem Steel Co, Marore, Cruz Grande
5,000 tons, Fernglen, Masinloc
KYANITE ORE — 1 bg, Magdapur, Calcutta
MANGANESE ORE—1,300 tons, Steel Ranger, Calcutta
MIMOSA EXTRACT — 572 dbl bgs, City of New York, Durban
MOLASSES — 9,836 tons, Atheiregent, Savona
OIL, FUEL — 47,000 bbls, Standard Oil Co of N J, Baltic, Aruba
PHOSPHORUS, RED — 30 cs, Tai Yin, Kobe
POTASH, MANURE SALT — 179 tons, N V Potash Export My, Astra, Bremen
MURIATE — 2,846 tons, N V Potash Export My, Astra, Bremen
SULPHATE — 265 tons, N V Potash Export My, Astra, Bremen
PYRETHRUM FLOWERS — 250 bls, Uye, Kobe
WATTLE BARK EXTRACT — 372 bgs, City of New York, Durban
200 bgs, Tannia Corp, City of New York, Durban

Boston Imports

ARSENIC—2 kgs, Malaren, Gothenburg
BONE MEAL—2,970 bgs, 297,000 lbs, Barbarigo, Fiume
431 bgs, 44,259 lbs, Ashcraft-Wilkinson Co, Frankenwald, Hamburg
2,206 bgs, 222,255 lbs, Ore & Chemical Corpn, Frankenwald, Hamburg
PHOSPHATE—1,016 bgs, 223,987 lbs, Hollinghurst & Co, Black Heron, Antwerp
CANARY SEED—150 bgs, 33,069 lbs, Thomas W Emerson Co, Black Heron, Rotterdam
CHEMICALS—10 dms, Advance Solvents & Chem Corpn, Tigre, Heroen
525 bgs, 90,648 lbs, Black Heron, Antwerp
100 dms, 48,122 lbs, Irving M Sobin Co, Black Heron, Antwerp
100 bgs, 22,046 lbs, D C Andrews Co, Black Heron, Rotterdam
1,000 bgs, 30 dms, 124,409 lbs, Black Heron, Rotterdam
125 bgs, 22,292 lbs, Innis, Speiden Co, Frankenwald, Hamburg
225 cks, 109,128 lbs, Philip Bauer Co, Frankenwald, Hamburg
5 bbls, 2,998 lbs, Chemical Marketing Co, Frankenwald, Hamburg
143 bgs, 84 crbys, 35,300 lbs, Frankenwald, Hamburg
COLLIDIUM EMULSION—16 cs, 3,307 lbs, American Express Co, Frankenwald, Hamburg
COCONUT, DESIC—1,000 cs, 162,038 lbs, A H Morse & Co, Grete Maersk, Manila
DIGITALIS LEAVES—13 cs, 4,321 lbs, R J Prentiss Co, Frankenwald, Hamburg
FERTILIZER, PHOSPHATE — 2,032 bgs, 447,975 lbs, T M Duche & Sons, Black Heron, Antwerp
FISHMEAL—2,000 bgs, 200,000 lbs, Mitsui & Co, Asosan, Kobe
13 cs, 4,321 lbs, R F Prentiss Co, Frankenwald, Hamburg
GELATIN—6 bgs, 674 lbs, International Selling Corpn, Black Heron, Antwerp
GLASS, WINDOW—275 cs, 18,166 lbs, Black Heron, Antwerp
1,189 cs, 98,729 lbs, Boston Supply Co, Black Heron, Antwerp
8 cs, 882 lbs, D C Andrews Co, Black Heron, Antwerp
GLUESTOCK, FISH—15 bxs, J R Poole Co, Evangeline, Yarmouth
20 bxs, J R Poole Co, Yarmouth, Yarmouth
MEDICINAL PREPS—1 cs, Sun Lee Chong, Grete Maersk, Hongkong
MICA SCRAP—1,450 bgs, First Nat Bank, Maidan, Calcutta
SPLITTINGS—333 cs, City of Khios, Calcutta
200 cs, Guaranty Trust Co, Maidan, Calcutta
30 cs, National City Bank, Maidan, Calcutta
MOLASSES—10 bbls, Frank B E Ingersoll, Lady Drake, Barbados
MUSTARD SEED—150 bgs, 33,069 lbs, Black Heron, Rotterdam
200 bgs, 44,092 lbs, J W Raye & Co, Black Heron, Rotterdam
NAPHTHALENE—1,500 bgs, 335,364 lbs, Black Heron, Antwerp
OIL, COCONUT—209 tons, 469,403 lbs, Lever Bros, Grete Maersk, Manila
210 tons, 470,400 lbs, Canada Packers, Ltd, Grete Maersk, Manila
468 tons, Trollius, Manila
CODLIVER—100 bbls, Tailby Nason Co, Tigre, Stavanger
133 dms, 57,955 lbs, Frankenwald, Hamburg
FISH LIVER—1 dm, Kinai, Yokohama
1 bx, Tailby Nason Co, Tigre, Stavanger
LUBRICATING—175 bbls, 97,403 lbs, Black Heron, Antwerp
MINERAL—10 dms, 4,639 lbs, Frankenwald, Hamburg
OLIVE—150 dms, 75,131 lbs, Barbarigo, Genoa
200 cs, 21,550 lbs, Barbarigo, Leghorn
PALM—1,186 tons, Van Leeuwen Boomkamp & Co, City of Lyons, Belawan-Deli
OSSEIN—1,900 bgs, 212,788 lbs, J O Whitten & Co, Black Heron, Antwerp
1,600 bgs, 162,822 lbs, Atlantic Gelatine Co, Black Heron, Antwerp
3,569 bgs, 453,126 lbs, Black Heron, Antwerp
795 bgs, 57,022 lbs, Baring Bros, Black Heron, Antwerp
PEATMOSS—1 bl, Malaren, Gothenburg
1,793 bls, Premier Peat Moss Corpn, Malaren, Gothenburg
200 bls, 30,864 lbs, Half Moon Mfg & Trading Co, Black Heron, Rotterdam
1,000 bls, 145,989 lbs, L E Page Co, Frankenwald, Bremen
1,150 bls, 184,393 lbs, Frankenwald, Bremen
POTASH, MURIATE—198,414 lbs, First National Bank, Black Heron, Antwerp
242,506 lbs, N V Potash Export Mij, Frankenwald, Hamburg
PERCHLORATE—100 bbls, 24,640 lbs, International Selling Corp, Sarcoxie, Havre
SULPHATE—1,500 bgs, 302,184 lbs, N V Potash Export Mij, Frankenwald, Hamburg
RAPESEED—30 bgs, 6,614 lbs, Thomas W Emerson Co, Frankenwald, Hamburg
SHELLAC—50 bgs, Grace National Bank, City of Khios, Calcutta
25 chests, Maidan, Calcutta
75 bgs, Bank of the Manhattan, Maidan, Calcutta
30 cs, 5,621 lbs, J Henry Schroeder Banking Corp, Black Heron, Rotterdam
GARNETLAC—200 bgs, Grace National Bank, City of Khios, Calcutta
SEEDLAC—100 bgs, First National Bank, City of Khios, Calcutta
SILICON CARBIDE—245 cks, American Abrasive Co, Tigre, Heroen
635 bgs, John W Higman Co, Malaren, Gothenburg
SODA, NITRATE—4,962 bgs, 496,200 lbs, Guaranty Trust Co, Frida, Iquique
14,959 bgs, 1,495,900 lbs, Guaranty Trust Co, Frida, Tocopilla
1,000,007 lbs (bulk), Guaranty Trust Co, Frida, Tocopilla
STARCH, CHEMICALLY TREATED—600 bgs, 66,138 lbs, A M Meincke & Co, Black Heron, Rotterdam
SOLUBLE—10 bgs, 2,205 lbs, Black Heron, Rotterdam
TALC—250 bgs, 55,115 lbs, Whittaker, Clark & Daniels, Sarcoxie, Havre
TAPIOCA FLOUR—750 bgs, 170,019 lbs, City of Lyons, Cheribon
500 bgs, 112,346 lbs, Chase National Bank, City of Lyons, Cheribon
450 bgs, 100,107 lbs, Guaranty Trust Co, Troilus, Sourabaya
998 bgs, 223,669 lbs, Guaranty Trust Co, Troilus, Cheribon
531 bgs, 109,892 lbs, Guaranty Trust Co, Troilus, Batavia
WAX, BEES—30 bls, 6,856 lbs, Frank B Ross, Frankenwald, Hamburg
VEGETABLE—25 cs, Mitsui & Co, Asosan, Kobe

Corpus Christi Imports

OIL, FUEL — 46,379 bbls, Henry M Dawes, Smiths Bluff

Gloucester Imports

FISH LIVERS — 7 bbls and 3 cs, from Nova Scotia
GLUESTOCK, FISH — 39 bbls, from Nova Scotia
OIL, COD — 63 bbls, from Nova Scotia

Houston Imports

AMMONIA PHOSPHATE — 954 bgs, West Hobomac, Antwerp
CHEMICALS — 36 csks, Chemnitz, Antwerp; 10 dms, Tatra, Heroen
CINNAMON — 100 bls, Chemnitz, Hamburg
CLEANING COMPOUND — 10 cns, Chemnitz, Hamburg
COPPERAS — 99 kilos, West Hobomac, Antwerp
EARTH — 1 cs, Chemnitz, Hamburg
OIL, LUBRICATING — 20 dms, Chemnitz, Antwerp; 75 dms, Dessau, Antwerp
MINERAL — 10 dms, Chemnitz, Hamburg
PEATMOSS—1,735 bls, Dessau, Bremen; 2,405 bls, Burgerdijk, Rotterdam
PAPRIKA — 100 bgs, Chemnitz, Hamburg
50 bgs, Dessau, Bremen

Los Angeles Imports

ACID, FORMIC — 4,630 lbs, Weser, Hamburg
AGAR AGAR — 50 lbs, Asosan, Yokohama
AMMONIA, CARBONATE — 8,240 lbs, Pacific Shipper, Glasgow
PHOSPHATE — 2,900 bgs, 100,800 lbs, Kingsley, Trail
199,360 bgs, Weser, Paris
SULPHATE — 2,100 bgs, 235,200 lbs, Kingsley, Trail
ARSENIC, REFD — 22,050 lbs, Buenos Aires, Stockholm
ASBESTOS, CRUDE — 2,240 lbs, Evanger, Capetown
BABASSU KERNELS — 671,960 lbs, Evanger, Maranham
BLEACHING POWD — 2,200 lbs, Oakland, Frankfurt
BONEMEAL — 112,000 lbs, Weser, Munich
CALCIUM, CHLORIDE — 33,740 lbs, Oakland, Cologne
NITRATE — 8,991,360 lbs, Abraham Lincoln, Oslo
CASTOR BEANS—168,000 lbs, Montevideo, Rio de Janeiro
CHEMICAL COMP — 1,900 lbs, Nojima, Yokohama
1,200 lbs, Chichibu, Yokohama
160 lbs, Nojima, Yokohama
SALT — 44,000 lbs, Oakland, Brussels
CLOVES, UNGRD — 1,100 lbs, Hoegh Merchant, Macassar
COALTAR PROD — 20 lbs, Koryu, Yokohama
COCONUTS — 6,860 lbs, San Diego, Colon
COPRA — 2,296,000 lbs, Hoegh Merchant, Phil Isls
MEAL — 1,618,730 lbs, Hoegh Merchant, Manila
COTTON LINTERS — 53,700 lbs, Condor, Torreon, Mexico
DEXTROSE — 2,000 lbs, from Athens
FERTILIZER MIXTURES — 310 lbs, President Garfield, Alexandria
GLASS, ROLLED — 10,530 lbs, Pacific Shipper, Birmingham
SHEET — 20 cs, 1,180 lbs, Pacific Shipper, Birmingham
66 cs, 17,400 lbs, Weser, Prague
140 cs, 22,340 lbs, Weser, Brussels
GUM, COPAL — 22,900 lbs, Hoegh Merchant, Macassar
INCENSE — 100 lbs, Koryu, Yokohama
MEDICINAL PREPS — 650 lbs, Koryu, Yokohama
OIL, CHINAWOOD—79,800 lbs, Grete Maersk, Hongkong
CITRONELLA — 2,200 lbs, Hoegh Merchant, Batavia
CODLIVER — 22,500 lbs, from Hull
11,250 lbs, Weser, Bergen
11,250 lbs, Abraham Lincoln, Oslo
LUBRICATING — 13 bbls, 5,040 lbs, Weser, Hamburg
PARAFFIN—28,000 lbs, From Antwerp
PAINT, WATER—100 lbs, Monterey, Australes
PAPRIKA—5,410 lbs, Weser, Budapest
2,750 lbs, From Budapest
PEATMOSS—78,400 lbs, Weser, Bremen
PEPPER—1,000 lbs, Loch Monar, London
POTASH, MURIATE—210,560 lbs, Weser, Amsterdam
SULPHATE—6,720 lbs, Elbe, Hamburg
2,069,760 lbs, Weser, Amsterdam
QUEBRACHO EXTRACT—54,450 lbs, Evanger, Buenos Aires
SEAL MEAT—2,240 lbs, Romancia, Mexico
SEAWEEDS—150 lbs, Asosan, Yokohama
50 lbs, President Taft, Hongkong
SILVERSAND—2,240,000 lbs, San Diego, Antwerp
SOAP, POWDER—880 lbs, Katsuragi, Kyoto
SOFT—2,210 lbs, Abraham Lincoln, Oslo
TOILET—110 lbs, Koryu, Yokohama
SODA, ARSENITE—11,200 lbs, Weser, Antwerp
SOYBEAN FLOUR—8,960 lbs, Kingsley, Vancouver
TANKAGE—49,540 lbs, Evanger, Buenos Aires
TAPIOCA FLOUR—55,880 lbs, Hoegh Merchant, Sourabaya
25,000 lbs, Hoegh Merchant, Dutch East Indies
SEED—10,850 lbs, Hoegh Merchant, Batavia
TOILET PREPS—750 lbs, Koryu, Yokohama
30 lbs, Yamabiko, Yokohama
UMBER, POWD—2,890 lbs, Cellina, Larnaca
UREA—369,600 lbs, Weser, Berlin
WAX, CARNAUBA—3,530 lbs, Evanger, Parnahyba
WHEAT FLOUR—120 lbs, President Taft, Hongkong
WHITING—101,490 lbs, Canada, Copenhagen

Mobile Imports

BAUXITE ORE, CRUSHED & DRIED—3,110 tons, Fairfield, Paramaribo
SODA NITRATE—7,800 tons, Fernciff, Tocopilla

New Orleans Imports

BAUXITE ORE—2,140 tons, Republic Mining & Manufacturing Co, Mayari, Paramaribo
1,368 tons, Republic Mining & Manufacturing Co, Mayari, Port of Spain
CARAWAY SEED—150 bgs, Catz American Co, Cardonia, Rotterdam
CHEMICALS—227 sks, Advance Solvents & Chemical Corp, Spaarndam, Rotterdam
70 bbls, Spaarndam, Rotterdam
100 dms, Veendam, Rotterdam
COCONUTS—150 sks, L Hayward, Newsome, Belize
GUM, CHICLE—798 bls, Wm Wrigley, Jr, Newsome, Belize
51 bls, M Bromberg, Newsome, Belize
IRON OXIDE—57 bbls, W L Richeson, Spaarndam, Rotterdam
LITHOPONE—300 cs, Texas Transport & Terminal Co, Spaarndam, Rotterdam
MOLASSES—1,342,333 gls, Baragua Sugar Estates, Litiopa, Jucaro
292,133 gls, Commercial Molasses Corp, Amolco, Manzanillo
551,765 gls, Commercial Molasses Corp, Amolco, Santiago de Cuba
MUSTARD SEED—150 sks, Stickney & Poor Spice Co, Cardonia, Rotterdam
300 sks, Catz American Co, Cardonia, Rotterdam
OIL, CODLIVER—1,500 dms, Missouri Pacific Railroad Co, Bochum, Hamburg
PEATMOSS—300 bls, Marine Midland Trust Co, Spaarndam, Rotterdam
5,313 bls, Premier Peat Moss Corp, Spaarndam, Rotterdam
5,777 bls, Premier Peat Moss Corp, Veendam, Rotterdam
600 bls, Marine Midland Trust Co, Veendam, Rotterdam
PETROLEUM—100 dms, J Sareussen, Bochum, Bremen
POPPYSEED—150 bgs, Catz American Co, Cardonia, Rotterdam
POTASH CHLORATE—400 dms, Spaarndam, Antwerp
PUTTY—16 cs, European Agencies, Cardonia, Antwerp
SALTCAKE—609,600 kilos, Bankers Trust Co, Spaarndam, Rotterdam
SAND, FURNACE—400 sks, Spaarndam, Rotterdam

Norfolk Imports

CHEMICALS — 83 demij, 50 dms, 11,360 lbs, Black Falcon, Antwerp
100 cks, 21,700 lbs, Advance Solvents & Chem Co, Black Falcon, Antwerp
CHINA CLAY — 974 tons, 18 cwt, Paper Makers Importing Co, New York City, Fowey
615 tons, 5 cwt, J W Higman & Co, New York City, Fowey
CLAY BALL — 379 tons, 2 cwt, Paper Makers Importing Co, New York City, Fowey
COCOA BEAN MEAL — 2,340 bgs, 187,200 lbs, Superintendence Co, Black Falcon, Antwerp
RESIDUE — 2,500 bgs, 252,500 lbs, H J Baker & Bro, Black Falcon, Antwerp
LEATHER WASTE — 1,166 bls, Manchester Division, Manchester
74 bls, 15 tons, City of Newport News, Hamburg
630 bgs, 24,649 lbs, Smith Rowland Co, Black Falcon, Antwerp
MANGANESE ORE — 8,260 tons, E J Lavino & Co, Rudby, Takoradi
OIL FUEL — 24,000 bbls, Standard Oil Co of N J, Elisha Walker, Aruba
35,000 bbls, Standard Oil Co of N J, Baltic, Aruba
POTASH, MURIATE — 735 tons, Va Carolina Chem Co, Artigas, Hamburg
635 tons, Baughn & Son, Artigas, Hamburg
SULPHATE — 1,500 bgs, 135 tons, Va Carolina Chem Co, Artigas, Hamburg
4,800 bgs, 187 tons, Robertson Chem Corp, Artigas, Hamburg
POTASH-MAGNESIA SULPHATE—250 bgs, 21 tons, Va Carolina Chem Co, Artigas, Hamburg
3,200 bgs, 546 tons, Robertson Chem Co, Artigas, Hamburg
4,000 bgs, 363 tons, Baughn & Son, Artigas, Hamburg
5,000 bgs, 454 tons, Artigas, Hamburg
SALT — 275 tons, Southgate Brokerage, Daniel Getson, East Harbor
SOAP, COMMON — 8 cs, City of Newport News, Hamburg

Philadelphia Imports

ACID, CRESYLIC—287 dms, John H Faunce, Manchester Producer, Manchester
100 dms, McKeesport, Liverpool
147 dms, John H Faunce, McKeesport, Liverpool
79 dms, John H Faunce, McKeesport, Glasgow
ALUMINUM SILICATE—212 tons, 13 cwts, Magdapur, Calcutta
AMMONIAC SAL—45 bgs, Woodward & Dickerson, Scanstates, Gdynia
ASPHALT—1,845 cakes, Konigsberg, Bremen
BONE PHOSPHATE—530 bgs, H J Baker Bros, Black Osprey, Antwerp
BRONZE POWDER—3 cs, Keer Maurer Co, Konigsberg, Bremen
CALCIUM NITRATE—648,700 kilos, Synthetic Nitrogen Products Corp, Tigre, Heroen
CAMPHOR, REFINED—30 cs, National City Bank, Kinai, Kobe
CARAWAY SEED—50 bgs, Bilderdijk, Rotterdam
CHEMICALS—58 bbls, Sterling Supply Co, Bilderdijk, Rotterdam
34 cks, Advance Solvents & Chemical Corp, Bilderdijk, Rotterdam
500 dms, Pennsylvania Salt Mfgr Co, Konigsberg, Hamburg
735 bgs, Konigsberg, Bremen
402 dms, Advance Solvents & Chemical Corp, Tigre, Hurum
2 cs, Fred A Kertess, Black Osprey, Rotterdam
140 dms, Advance Solvents & Chemical Corp, Black Osprey, Rotterdam
600 bgs, Black Osprey, Antwerp
275 bgs, Industrial Sales Corp, Black Osprey, Antwerp
COMPOUND—19 cs, Bilderdijk, Rotterdam
CHINA CLAY—81,606 kilos, Furness, Withy & Co, Bilderdijk, Rotterdam
CLAY—400 cks, Adolphe Hurst & Co, Black Osprey, Rotterdam
COALTAR DISTILLATE—13 dms, Monsanto Chemical Corp, McKeesport, Liverpool
COCOA BEANS—3,000 bgs, Fredhem, Ilheos
7,000 bgs, National City Bank, Fredhem, Ilheos
8,000 bgs, Bankers Trust Co, Fredhem, Ilheos
2,000 bgs, Fredhem, Bahia
COCOA RESIDUE—300 bgs, Woodward & Dickerson, Bilderdijk, Rotterdam
CORKWOOD—6,616 bls, Maria, Palermo
CUMIN SEED—32 bgs, Maria, Trieste
FERTILIZER, NITROGENOUS — 1,600 bgs, Manchester Producer, Manchester
FLUORSPAR—250 tons, Shanaliam, St Lawrence
FURNACE SAND—400 bgs, Bilderdijk, Rotterdam
GUM, ARABIC—50 bgs, Chase National Bank, Magdapur, Suez
HERBS—9 bgs, 5 cs, 3 ballots, John A Steer & Co, Konigsberg, Hamburg
HOPS—5 bls, Konigsberg, Hamburg
IRON ORE—4,135 tons, Kohistan, Ormuz
LUPININ—1 cs, Konigsberg, Hamburg
MAGNESITE, CALCINED—80 bbls, Bilderdijk, Rotterdam
CLINKERS—4,890 bgs, Nojima, Dairen
3,000 bgs, Volkart Bros Inc, Nojima, Dairen
MEDICINAL PREPS—26 cs, Gold Medal Haarlem Oil Co, Bilderdijk, Rotterdam
MENTHOL—50 cs, Corn Exchange National Bank, Kinai, Kobe
125 cs, National City Bank, Kinai, Kobe
MUSTARD SEED—900 bgs, R T French Co, Black Osprey, Rotterdam
MYROBALANS—7,800 pockets, Guaranty Trust Co, Magdapur, Calcutta
NAPHTHALENE—362 bgs, John H Faunce, Manchester Producer, Manchester
1,234 bgs, John H Faunce, Black Osprey, Rotterdam
200 bgs, John H Faunce, Black Osprey, Antwerp
OIL, COCONUT—500 tons, Philippine Refining Corp, Silveryew, Cebu
CODLIVER—100 dms, Konigsberg, Hamburg
20 dms, Tigre, Stavanger
75 dms, J A McCarthy, Tigre, Stavanger
500 dms, Acton Co, Tigre, Hurum
CORN—222,899 kilos, Black Osprey, Rotterdam
MINERAL—30 dms, Kuhne Libby Co, Konigsberg, Hamburg
PALM—50 cks, McKeesport, Liverpool
PERILLA—326 tons, Nojima, Dairen
OSSEIN—776 bgs, Black Osprey, Antwerp
PAPRIKA—300 bgs, R T French Co, Konigsberg, Bremen
25 bgs, T K Landenslager, Konigsberg, Bremen
50 bgs, Konigsberg, Bremen
PEATMOSS—1,750 bls, Premier Peatmoss Corp, Bilderdijk, Rotterdam
1,200 bls, Konigsberg, Bremen
1,575 bls, Marne Midland Trust Co, Black Osprey, Rotterdam
245 bls, New Amsterdam Import & Supply Co, Black Osprey, Antwerp
PEPPER, BLACK—450 bgs, Palembang, Oosthaven
PETROLEUM—105,333 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
90,968 bbls, Gulf Oil Corp, Gulfpenn, Las Piedras
15,934.18 bbls, Texas Co, Derbyline, Tampico
PITCH, COALTAR — 98 dms, Florence Pipe, Foundry & Machine Co, McKeesport, Manchester
POPPYSEED—100 bgs, Bilderdijk, Rotterdam
100 bgs, R T French Co, Black Osprey, Rotterdam
POTASH, MURIATE—636,000 kilos, N V Potash Export Mij, Konigsberg, Bremen
500 bgs, N V Potash Export Mij, Konigsberg, Bremen
SILICATE—600 bgs, Alex Murphy, Bilderdijk, Rotterdam
SULPHATE—1,000 bgs, N V Potash Export Mij, Konigsberg, Bremen
PYRETHRUM FLOWERS—25 bls, Philadelphia National Bank, Uyo, Kobe
PYRITES ORE—5,540 tons, Kingsland, Huelva
RAPESEED—1,125 bgs, Irving Trust Co, Norden, Otaru
SAGO FLOUR—363 bgs, Prometheus, Singapore
364 bgs, Silveryew, Singapore
SEAWEED—120 bgs, Brown Bros, Harriman & Co, Konigsberg, Hamburg
SHELLAC—250 bgs, Bank of London & South America, Magdapur, Calcutta
100 bgs, Magdapur, Calcutta
46 bgs, Chase National Bank, Magdapur, Calcutta
25 bgs, Grace National Bank, Magdapur, Calcutta
GARNETLAC—250 bgs, Chase National Bank, Magdapur, Calcutta
225 bgs, Grace National Bank, Magdapur, Calcutta
SODA PRUSSIATE—203 kegs, National City Bank, Kinai, Kobe
TALLOIL—63 bbls, Mathias Stinnes, Sandarne
TAPIOCA FLOUR — 750 bgs, Guaranty Trust Co, Prometheus, Sourabaya
515 bgs, Chase National Bank, Prometheus, Cheribon
1,629 bgs, Prometheus, Cheribon
1,000 bgs, Guaranty Trust Co, Prometheus, Tegal
584 bgs, Prometheus, Batavia
500 bgs, Palembang, Tegal
497 bgs, New York Trust Co, Palembang, Tandjong Priok
500 bgs, Palembang, Tandjong Priok
750 bgs, Palembang, Cheribon
500 bgs, Guaranty Trust Co, Silveryew, Tegal
1,134 bgs, Guaranty Trust Co, Silveryew, Batavia
WATER MINERAL — 30 cs, H J Rohner, Bilderdijk, Rotterdam
WAX, OZOKERITE — 20 bgs, Kuhne-Libby Co, Konigsberg, Hamburg
WOODFLOUR — 3,000 bgs, B L Soberski, Tigre, Greaker

Port Arthur Imports

PETROLEUM, CRUDE — 72,000 bbls, Swiftlight, Tampico

Portland, Ore., Imports

MOLASSES — 600 tons, Mauna Ala, Hilo
PEANUT MEAL — 1,000 sks, Balfour, Guthrie & Co, California, Tsingtao

San Francisco Imports

BONE MEAL—1,120 sks, Oakland, Antwerp (for Oakland)
BLEACHING POWDER—90 dms, Wilson & George Meyer & Co, Oakland, Antwerp
BRISTLES—6 cs, Davies Turner & Co, President McKinley, Hongkong
20 cs, H Rosenhirsch Co, President McKinley, Kobe
CARAWAY SEED—60 sks, A Schilling & Co, Brimanger, Rotterdam
CASSIA—3 bls, East Asiatic Co, President McKinley, Hongkong
500 bls, Frank Tea & Spice Co, President McKinley, Hongkong
200 bls, H H Old & Co, President McKinley, Hongkong
CHEMICALS—80 cks, General Motors Export Division, Oakland, Hamburg
15 cbys, Oakland, Hamburg
210 dms, Wilson & George Meyer & Co, Oakland, Antwerp
16 cs, Loch Monar, Rotterdam
CHINA CLAY—300 sks, Loch Monar, Rotterdam
CINNAMON—100 bls, Anglo-California National Bank, President McKinley, Hongkong
COPRA—999 tons, El Dorado Oil Works, Elg, Hondagua (for Oakland)
525 tons, Bank of California, N A, Elg, Tobaco (for Oakland)
1,550 tons, Bank of California, N A, Elg, Cebu (for Oakland)
COCONUT, DESIC—1,250 cs, Wood & Selick, President McKinley, Manila
EGG YOLK, HEN DRIED—112 cs, Importers Commission Co, President McKinley, Hongkong
GINGER ROOT—180 cs, President McKinley, Hongkong
GLASS, WINDOW—8 cs, R K Davidson, Oakland, Hamburg
18 cs, Newman McWilliams Glass Co, Oakland, Antwerp
GUM COPAL—266 sks, Manufacturers Trust Co of N Y, President McKinley, Manila
HOPS—30 cs, Bode & Voigt, Oakland, Hambprg
120 bls, Oakland, Hamburg

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IRON OXIDE—56 cks, Loch Monar, Swansea
LUPULIN—5 cs, A Gusmer, Inc., Oakland, Hamburg
MEDICINAL PREPS—16 cs, Kwong Kee Chan, President McKinley, Hongkong
1 cs, Wing Hop Co, President McKinley, Hongkong
77 pkgs, Tin Bow Tong, President McKinley, Hongkong
MUSTARD SEED—400 sks, McClintock-Stern Co, Brimanger, Rotterdam (for Oakland)
OIL, CHINAWOOD—300 dms, Western Vegetable Oil Co, President McKinley, Hongkong
115 dms, President McKinley, Hongkong
665,280 lbs, Bank of California, N A, President McKinley, Hongkong
LUBRICATING—20 dms, Shell Oil Co, Oakland, Hamburg
LUMBANG—5 dms, Marshall Dill, President McKinley, Manila
PEANUT—40 cs, Ying Fat Lung, President McKinley, Hongkong
50 cs, Chew Chong Tai, President McKinley, Hongkong
20 cs, Kwong Shun Lung, President McKinley, Hongkong
PEATMOSS—300 bls, Peat Import Corpn, Oakland, Bremen
400 bls, Peat Import Corpn, Oakland, Bremen (for Oakland)
POLISH, BOOT—22 cs, B M Beton ⅞ Co, Loch Monar, London
POPPYSEED—20 sks, A Schilling & Co, Brimanger, Rotterdam
POTASH PERCHLORATE—100 cks, Irving M Sobin & Co, Oakland, Antwerp
SULPHATE—1,300 sks, Wilson & George Meyer & Co, Oakland, Hamburg
4,200 sks, Wilson & George Meyer & Co, Oakland, Hamburg (for Oakland)
1,300 sks, Wilson & George Meyer & Co, Oakland, Hamburg (optional discharge Oakland)
RHUBARB ROOT—24 cs, S B Penick & Co, President McKinley, Kobe
SOAP—1 cs, Loch Monar, Rotterdam
SODA CYANIDE—160 dms, American Cyanamid & Chemical Corpn, Loch Monar, Rotterdam (for Oakland)
TURMERIC, GROUND—10 bbls, Muller Bros, Loch Monar, Rotterdam (for Oakland)
WAX, WHITE—2 cs, Fook Lung, President McKinley, Honkong

Savannah Imports

CREOSOTE — 2,000 tons, Tynefield, Amsterdam
PETROLEUM, CRUDE — 8,339 tons, Glenpool, Las Piedras

Seattle Imports

CHALK — 540 sks, Wisconsin, Antwerp
CHEMICALS — 67 csks, Royal Bank of Canada, Wisconsin, Antwerp
MACE — 25 cs, D Hecht & Co, Corneville, Padang
SILVERSAND — 400 tons, Balfour, Guthrie & Co, Wisconsin, Antwerp

Tampa Imports

CALCIUM NITRATE — 34,000 bgs, Topeka, Heroen
SODA NITRATE—2,348 tons, Tropic Star, Tocopilla

Exports from U.S. Ports

New York Exports

Clearance Dates

American Traveler, December 31; Andania, December 31; Argosy, December 31; Aurania, December 24; Balfe, December 29; Belvedere, January 4; Berengaria, January 3; Borinquen, December 23; Bremen, January 4; Canadian, January 4; Chincha, January 3; City of Elwood, January 5; Coamo, January 1; Consuelo, December 31; Edam, January 4; Exchester, December 29; Exeter, January 4; General Gassouin, January 9; Gerolstein, January 2; Gloucester City, January 3; Hektor, December 30; Ida, January 11; Jamaica, December 30; Jean Jadot, December 30; Komaki, January 4; Kyno, December 22; Maravi, December 27; Munargo, December 10; Nagara, January 4; New York, December 29; Oriente, January 5; Pan America, December 31; Pennland, December 23; Platano, December 24; Ponce, December 23; Quirigua, December 22; Ragnhildsholm, December 30; Ringar, January 5; Sagaporack, December 21; Samaria, December 31; San Benito, January 7; San Jacinto, December 31; San Jose, December 22; Scanmail, December 28; Scythia, December 10; Solstad, January 6; Tai Ping, December 31; Talamanca, December 15, 31; Tugela, December 29; Uganda, January 5; Veragua, December 16

ACID, CITRIC—126 lbs, Quirigua, Porto Colombia; 1,202 lbs, Borinquen, San Juan
CITRIC, CRYST—605 lbs, Quirigua, Cartagena
CRESYLIC—1,018 lbs, San Jose, Buenaventura
MURIATIC—3,930 lbs, Quirigua, Kingston; 3,330 lbs, Talamanca, Kingston; 13,875 lbs, Platano, Porto Barrios; 1,808 lbs, Antigua, Porto Colombia
OLEIC—2,319 lbs, San Jose, Buenaventura
STEARIC—1,212 lbs, Talamanca, Havana
SULPHURIC—6,300 lbs, Chincha, East London; 5,065 lbs, Munargo, Havana; 21,605 lbs Antigua, Porto Colombia
TOBIAS—2,466 lbs, Sagaporack, Gdynia
VANADIC—7,170 lbs, Platano, Genoa
ALCOHOL, BUTYL — 330 gls, New York, Hamburg; 6,180 lbs, Scanmail, Stockholm; 330 gls, Topdalsfjord, Oslo
DENATURED — 825 gls, Antigua, Porto Colombia
ISOPROPYL — 2,000 lbs, Argosy, Oslo
AMMONIA, ANHYDR — (Chincha) 16,677 lbs, Port Elizabeth; 6,846 lbs, East London; 6,830 lbs, Port Natal; 39,227 lbs, Veragua, Havana
ANTIMONY REGULUS — 36,000 lbs, Komaki, Osaka
ASPHALT — 50,000 lbs, Kyno, Newcastle; 96,839 lbs, Gerolstein, Antwerp; 18,235 lbs, Tugela, Rio Grande; 24,080 lbs, Munargo, Nassau
LIQUID — 81,586 lbs, Exchester, Algiers; 25,017 lbs, Samaria, Liverpool; 11,439 lbs, Berengaria, Southampton
SOLID — 53,757 lbs, Scythia, Liverpool
BENZOL — 4,620 gls, Hektor, Buenos Aires
BLUE, LAUNDRY — 840 lbs, Talamanca, Cienfuegos
ULTRAMARINE — 276 lbs, San Jacinto, San Juan; (Buenaventura) 16,120 lbs, Mazatlan; 10,100 lbs, Talcahuano
VITRIOL — 316 lbs, Quirigua, Porto Colombia
CASEIN — 1,150 lbs, Andania, London
CEMENT, RUBBER — 3,986 lbs, Gerolstein, Antwerp
CHEMICALS — 666 lbs, Aurania, Liverpool; (Argosy) 1,384 lbs, Gothenburg; 744 lbs, Copenhagen; 2,076 lbs, Helsingborg; 3,704 lbs, Scanmail, Copenhagen; 7,857 lbs, Edam, Rotterdam; 16,475 lbs, Ringar, Port Natal
CHLORINE — 5,422 lbs, Buenaventura, Cartagena
CLAY — (New York) 5,100 lbs, Hamburg; 67,200 lbs, Dusseldorf; 6,240 lbs, San Benito, Porto Limon
CLEANER — 10,758 lbs, American Traveler, Havre
COALTAR — 5,500 lbs, Maravi, Banes; 500 lbs, San Benito, Port Limon
COLOR, DRY — 1,947 lbs, Talamanca, La Libertad
CORN FLOUR—93,060 lbs, Tai Ping, Manila; 470 lbs, Edam, Mossamedes; 150 lbs, Platano, Porto Barrios; 21,179 lbs, Munargo, Havana; 16,980 lbs, Talamanca, Havana
SUGAR—36,540 lbs, Gerolstein, Antwerp; 6,585 lbs, Edam, Rotterdam; 14,100 lbs, Gloucester City, Bristol; 503 lbs, Munargo, Havana; 505 lbs, Veragua, Havana
SYRUP—22,770 lbs, Tai Ping, Manila; 29,077 lbs, Munargo, Havana; 72,232 lbs, Veragua, Havana; 3,814 lbs, Antigua, Kingston
COTTONSEED PULP—314,076 lbs, Scythia, Liverpool
DEXTRIN—2,828 lbs, Andania, London
DICHLORODIFLUOROMETHANE — 1,751 lbs, New York, Hamburg
DISINFECTANT—1,257 lbs, Platano, Porto Barrios
DRUGS—4,138 lbs, American Traveler, Havre
DYES—1,115 lbs, Pan America, Montevideo; (New York) 5,700 lbs, Hamburg; 1,344 lbs, Reichenberg; 2,217 lbs, Gothenburg; 21,109 lbs, Pennland, Antwerp; 1,451 lbs, Jean Jadot, Antwerp; 12,267 lbs, Hektor, Buenos Aires; 1,300 lbs, Talamanca, Havana
ETHYL ACETATE—35,234 lbs, San Jacinto, Ponce
FERRITES—27,100 lbs, Hektor, Buenos Aires
FERROVANADIUM—42,485 lbs, Jean Jadot, Antwerp
FERTILIZER—2,040 lbs, Munargo, Havana
FURFURAL—36,313 lbs, New York, Hamburg
GASOLINE—4,400 gls, San Benito, Porto Limon
AVIATION—110,000 gls, Nagara, Yokohama
GLASS, PLATE—45,570 lbs, Andania, London; 9,250 lbs, Talamanca, Havana; 1,323 lbs, Veragua, Cienfuegos
WINDOW—1,726 lbs, Veragua, Cienfuegos
GLUCOSE—3,844 lbs, Chincha, Porto Elizabeth; 22,510 lbs, Gloucester City, Bristol
SOLID—4,070 lbs, Chincha, Capetown; 383 lbs, San Jacinto, San Juan; 2,104 lbs, City of Elwood, Calcutta; 505 lbs, Antigua, Kingston
GLUE, VEG—505 lbs, Quirigua, Porto Colombia
GLYCERIN—4,827 lbs, Talamanca, Havana
REFINED—3,995 lbs, San Benito, Santiago
GREASE, ANIMAL—44,493 lbs, Pennland, Rotterdam
LUBRICATING—1,255 lbs, Talamanca, Porto Colombia; 31,539 lbs, Aurania, Liverpool; (American Traveler) 122,456 lbs, Hamburg; 23,448 lbs, Havre; 2,870 lbs, Asniers; (Komaki) 30,658 lbs, Yokohama; 22,181 lbs, Kobe; 12,986 lbs, Pan American, Montevideo; (Argosy) 11,301 lbs, Gothenburg; 3,726 lbs, Gdynia; 6,200 lbs, Helsingfors; 30,562 lbs, New York, Hamburg; 86,015 lbs, Consuelo, Newcastle; (Ragnhildsholm) 1,885 lbs, Gothenburg; 2,433 lbs, Malmo; 2,150 lbs, Exchester, Oran; 5,286 lbs, Kyno, Hull; 45,433 lbs, Scythia, Liverpool; 1,043 lbs, Sagaporack, Stockholm; (Pennland) 17,200 lbs, Brussels; 78,042 lbs, Antwerp; (Tai Ping) 1,810 lbs, Manila; 44,518 lbs, Shanghai; 13,233 lbs, Jean Jadot, Antwerp; 6,008 lbs, Tugela, Rio de Janeiro; (Nagara) 7,390 lbs, Yokohama; 9,215 lbs, Kobe; 2,674 lbs, Andania, London; 24,108 lbs, Samaria, Liverpool; 3,011 lbs, Uganda, Santos; (Chincha) 17,569 lbs, Capetown; 43,177 lbs, Port Elizabeth; 11,705 lbs, East London; 442 lbs, Port Natal; 1,712 lbs, Lourenco Marques; 9,400 lbs, Mombasa; 52,115 lbs, Gloucester City, Cardiff; 4,613 lbs, Topdalsfjord, Oslo; (City of Elwood) 7,224 lbs, Bombay; 4,455 lbs, Madras; 10,114 lbs, Calcutta; 14,175 lbs, Rangoon; 4,662 lbs, Talamanca, Havana; 8,560 lbs, San Benito, Valparaiso; 28,254 lbs, Maravi, Banes; 4,587 lbs, Antigua, Kingston
HYDROGEN, PEROXIDE—596 lbs, Chincha, Capetown
INSECTICIDE, HOUSEHOLD — 59,100 lbs, Exeter, Alexandria
INK, PRINTING—3,613 lbs, San Benito, Porto Limon
IRON OXIDE—1,596 lbs, American Traveler, Havre
LACQUER — 4,000 lbs, American Traveler, Havre; 5,702 lbs, Pan America, Buenos Aires; 520 lbs, Argosy, Gothenburg; (Chincha) 10,628 lbs, East London; 2,702 lbs, Port Natal
COLORED—1,508 lbs, Ragnhildsholm, Stockholm
THINNER—2,750 gls, Exeter, Tel Aviv
LARD — 202,700 lbs, Scythia, Liverpool; 337,220 lbs, Aurania, Liverpool; 25,999 lbs, Balfe, Para; 526,177 lbs, New York, Hamburg; (Consuelo) 242,450 lbs, Hull; 98,188 lbs, Aberdeen; (Kyno) 317,850 lbs, Hull; 147,310 lbs, Newcastle; 26,058 lbs, Pennland, Amsterdam; 12,400 lbs, Jean Jadot, Antwerp; 174,745 lbs, Andania, London; 607,423 lbs, Samaria, Liverpool; (Gloucester City) 198,250 lbs, Bristol, 65,600 lbs, Cardiff; 18,600 lbs, Berengaria, Southampton; 53,662 lbs, Coamo, San Juan; (Ponce) 7,912 lbs, San Juan; 10,975 lbs, Ponce; 41,210 lbs, San Jacinto, San Juan; 51,535 lbs, Borinquen, San Juan; 63,000 lbs, Veragua, Havana; 42,000 lbs, Talamanca, Havana; 40,126 lbs, Maravi, Banes
LEAD, BLUE, SUBLIMED — 23,657 lbs, Topdalsfjord, Sandefjord
RED — 29,386 lbs, Hektor, Buenos Aires
WHITE — 9,254 lbs, Hektor, Buenos Aires
WHITE, SUBLIMED — 11,827 lbs, Scythia, Liverpool; 2,361 lbs, Ragnhildsholm, Stockholm
LINSEED CAKE — 1,131,125 lbs, American Traveler, Hamburg; 455,198 lbs, Pennland, Rotterdam; 5,261,527 lbs, Jean Jadot, Antwerp; 1,482,928 lbs, Samaria, Liverpool
LITHARGE — 19,459 lbs, Hektor, Buenos Aires
LUBRICANTS — 46,402 lbs, Edam, Rotterdam
MAGNESIA SULPHATE — 3,750 lbs, Veragua, Havana
MOLYBDENUM, CONC — 145,215 lbs, New York, Hamburg
OIL, CASTOR — 3,122 lbs, Borinquen, San Juan
CASTOR, SULPHONATED — 21,368 lbs, Edam, Rotterdam
COCONUT — 17,373 lbs, Veragua, Havana
COOKING — 2,827 lbs, Borinquen, San Juan
OIL, CORN—(San Jacinto) 4,891 lbs, San Juan; 2,835 lbs, Arecibo
CYLINDER — (Solstad) 311,514 gls, Manchester; 56,532 gls, Copenhagen; 84,966 gls, Stockholm; (General Gassouin) 610 tons, France; 305 tons, Antwerp
EDIBLE — 1,704 lbs, Platano, Porto Barrios; 1,504 lbs, City of Elwood, Bombay; 1,000 lbs, San Jose, Port Limon; 3,500 lbs, San Benito, Port Limon
ESSENTIAL, RES — 18,203 lbs, Andania, London
FISH, SULPHONATED — 3,075 lbs, Exeter, Marseilles
LUBRICATING—1,925 gls, Quirigua, Porto Colombia; (Scythia) 4,850 gls, Liverpool; 4,410 gls, Birkenhead; 54,800 gls, Aurania, Liverpool; (American Traveler) 12,600 gls, Hamburg; 59,860 gls, Havre; 1,650 gls, Paris; 8,405 gls, Komaki, Yokohama; (Pan America) 14,600 gls, Rio de Janeiro; 4,290 gls, Montevideo; (Argosy) 4,125 gls, Gothenburg; 9,934 gls, Copenhagen; 14,680 gls, Stockholm; 880 gls, Helsinki; 2,520 gls, Helsingfors; 53,060 gls, New York, Hamburg; (Consuelo) 1,200 gls, Hull; 24,800 gls, Newcastle; (Ragnhildsholm) 1,705 gls, Gothenburg; 7,950 gls, Malmo; 1,265 gls, Stockholm; (Exchester) 18,279 gls, Algiers; 4,070 gls, Tunis; (Kyno) 4,950 gls, Hull; 10,655 gls, Newcastle; 3,025 gls, Scanmail, Helsingfors; (Sagaporack) 715 gls, Gothenburg; 2,895 gls, Copenhagen; 1,848 gls, Danzig; 8,250 gls, Stockholm; 20,240 gls, Helsingfors; 47,606 gls, Gerolstein, Antwerp; (Pennland) 615 gls, Klaaswaal; 2,420 gls, Rotterdam; 1,050 gls, Brussels; 1,100 gls, Antwerp; 1,806 gls, Strassbourg; 42,250 gls, Tai Ping, Shanghai; (Jean Jadot) 3,560 gls, Antwerp; 3,575 gls, Switzerland; (Tugela) 8,065 gls, Rio de Janeiro; 27,520 gls, Porto Alegre; 11,550 gls, Hektor, Santos; (Nagara) 10,725 gls, Yokohama; 54,945 gls, Osaka; 1,100 gls, Moji; 14,150 gls, Dairen; 1,650 gls, Kobe; 41,529 gls, Andania, London; (Samaria) 54,502 gls, Liverpool; 11,000 gls, Calcutta; 101,140 gls, Ida, Savona-Vado; 10,355 gls, Edam, Rotterdam; 5,500 gls, Uganda, Buenos Aires; (Solstad) 495,256 gls, Avonmouth-Manchester; 300,972 gls, Copenhagen; 90,930 gls, Stockholm; (Chincha) 2,380 gls, Port Elizabeth; 210 gls, East London; 7,850 gls, Port Natal; 1,290 gls, Lourenco Marques; 500 gls, Beira; 6,820 gls, Dar Sallam; 51,120 gls, Mombasa; 10,374 gls, Gloucester City, Cardiff; 11,605 gls, Rex, Genoa; (Exeter) 9,839 gls Marseilles; 2,295 gls, Philippeville; 550 gls, Bone; 7,075 gls, Alexandria; 675 gls, Topdalsfjord, Oslo; 1,100 gls, Coamo, San Juan; 310 tons, General Gassouin, Antwerp; 1,850 gls, Munargo, Nassau; (City of Elwood) 8,965 gls, Karachi; 5,530 gls, Bombay; 1,260 gls, Madras; 1,260 gls, Rangoon; 8,020 gls, Calcutta; 14,300 gls, Ringar, Capetown; 8,275 gls, Oriente, Havana; 6,875 gls, Talamanca, Havana; 3,410 gls, Antigua, Kingston; 2,860 gls, Veragua, Havana
MOTOR—(Solstad) 121,632 gls, Manchester; 90,594 gls, Stockholm
OLEO—(Ragnhildsholm) 46,711 lbs, Gothenburg; 23,346 lbs, Malmo; 31,077 lbs, Pennland, Antwerp; 132,265 lbs, Gloucester City, Cardiff
PALE—(Solstad) 314,542 gls, Avonmouth-Manchester; 249,690 gls, Copenhagen; 63,798 gls, Stockholm
PALM, COMP—514,049 lbs, Hektor, Buenos Aires
SOYBEAN—5,977 lbs, Coamo, Ciudad
SPINDLE—60,774 gls, Solstad, Avonmouth-Manchester
TEASEED—14,803 lbs, Samaria, Liverpool
TRANSFORMER—1,260 gls, Andania, London
VALVE — 1,410 tons, General Gassouin, France
WHALE—624 tons, Edam, Rotterdam
PAINT—18,146 lbs, Talamanca, Porto Mexico; 23,373 lbs, Quirigua, Porto Colombia; 2,050 lbs, Balfe, Para; 7,315 lbs, Pan America, Rio de Janeiro; (Argosy) 7,080 lbs, Gothenburg; 38,433 lbs, Stockholm; 1,400 lbs, New York, Hamburg; (Ragnhildsholm) 14,715 lbs, Stockholm; 12,467 lbs, Gothenburg; 45,789 lbs, Gerolstein, Antwerp; (Pennland) 2,857 lbs, Amsterdam; 2,200 lbs, Antwerp; 1,492 lbs, Hektor, Buenos Aires; 5,971 lbs, Edam, Oslo; 26,271 lbs, Platano, Porto Barrios; 41,836 lbs, Chincha, Port Elizabeth; 3,752 lbs, Ponce, Jobos; 1,678 lbs, Talamanca, Guayaquil; 5,737 lbs, San Benito, Amapala; 2,659 lbs, Antigua, Cartagena; 9,634 lbs, Jamaica, Cartagena
LIQUID—2,550 lbs, Ponce, Ponce
PREPARED—4,150 lbs, Platano, Porto Barrios; 4,850 lbs, Chincha, Capetown; 5,363 lbs, San Benito, Porto Armuelles; 5,110 lbs, Antigua, Kingston; (San Jose) 2,915 lbs, Port Limon; 18,791 lbs, Bocas Toro; 3,291 lbs, Porto Armuelles
THINNER—825 gls, American Traveler, Vienna; 5,280 gls, Chincha, Port Elizabeth
PARAFFIN—44,400 lbs, Quirigua, Porto Colombia; 11,343 lbs, Scythia, Liverpool; 24,370 lbs, Aurania, Liverpool; (Argosy) 36,248 lbs, Gothenburg; 4,555 lbs, Copenhagen; 184,334 lbs, Stockholm; (Consuelo) 253,510 lbs, Hull; 48,908 lbs, Newcastle; 438,916 lbs, Kyno, Hull; 20,201 lbs, Platano, Guatemala City; 375,910 lbs, Gloucester City, Bristol; 47,627 lbs, Berengaria, Southampton; 6,597 lbs, Munargo, Cienfuegos; 20,201 lbs, San Benito, Port Limon; 28,298 lbs, Jamaica, Porto Colombia
SCALE — 72,921 lbs, American Traveler, Hamburg; 48,707 lbs, Argosy, Helsingfors; 12,147 lbs, Ragnhildsholm, Stockholm; 65,712 lbs, Gerolstein, Antwerp; 3,851 lbs, Sagaporack, Helsingfors; 129,863 lbs, Edam, Amsterdam
PECTIN — 616 lbs, Argosy, Copenhagen
PETROLATUM, MED — 1,519 lbs, Chincha, Capetown
PETROLEUM, REFD — (San Jacinto) 7,000 gls, Ponce; 6,000 gls, Mayaguez; 2,000 gls, Aguadilla
PHENOL CRYSTALS — 230 lbs, Talamanca, Havana
PINETAR — 12,573 lbs, American Traveler, Havre
PITCH — 29,840 lbs, San Benito, Tumaco
POTASH, BROMATE, POWD — 2,640 lbs, Edam, Rotterdam
CHLORATE — 11,850 lbs, Platano, Porto Cortez
MURIATE—133,776 lbs, New York, Hamburg
NITRATE — 2,000 lbs, Quirigua, Kingston
SULPHATE — 213,180 lbs, Topdalsfjord, Oslo
RESIN — 1,076 lbs, Argosy, Copenhagen; 10,285 lbs, Scanmail, Beloostrov; 1,470 lbs, Gerolstein, Basle
SYNTHETIC — 3,159 lbs, Aurania, Liverpool; 4,320 lbs, Samaria, Liverpool
SOAP — 8,215 lbs, Ponce, Aguadilla; 7,950 lbs, San Jacinto, Aguadilla; 5,953 lbs, Talamanca, Havana
LAUNDRY — 2,725 lbs, Ponce, Ponce; 6,400 lbs, San Benito, Porto Armuelles
SODA ASH — 145,810 lbs, Tugela, Rio de Janeiro; 113,544 lbs, Hektor, Buenos Aires; 298,875 lbs, Uganda, Buenos Aires; (Chincha) 2,554 lbs, Capetown; 3,340 lbs, Port Elizabeth; 22,360 lbs, Port Natal; 10,000 lbs, San Jacinto, Guanica; 74,553 lbs, Munargo, Havana; 3,120 lbs, Antigua, Porto Colombia; (San Jose) 20,300 lbs, Cristobal; 71,050 lbs, Mollendo
SODA, BICARBONATE—50,760 lbs, Chincha, Capetown; 3,630 lbs, San Benito, Santiago; 15,960 lbs, Antigua, Porto Colombia
BICHROMATE — 88,560 lbs, Topdalsfjord, Sauda
CAUSTIC—(Balfe) 22,895 lbs, Para; 22,928 lbs, Maceio; 55,180 lbs, Tugela, Santos; 176,010 lbs, Uganda, Buenos Aires; (Chincha) 10,750 lbs, Capetown; 1,820 lbs, Port Elizabeth; (Munargo) 83,621 lbs, Havana; 75,442 lbs, Nuevitas; 12,214 lbs, Porto Tarafa; 10,218 lbs, Buenaventura, Panama; (Antigua) 21,510 lbs, Cartagena; 5,736 lbs, Porto Colombia; (San Jose) 64,000 lbs, Santiago; 21,540 lbs, La Libertad; 5,165 lbs, Jamaica, Cartagena
PHOSPHATE TRI—33,672 lbs, Gloucester City, Bristol
SILICATE—15,928 lbs, Ponce, San Juan
SULPHATE—3,360 lbs, Jamaica, Cartagena
SOOT—44,935 lbs, New York, Hamburg
SOYBEAN MEAL—224,000 lbs, Aurania, Liverpool
STARCH, CORN—33,800 lbs, Kyno, Hull; 4,275 lbs, Tai Ping, Manila; (Edam) 5,050 lbs, Rotterdam-Amsterdam; 2,500 lbs, Rotterdam; 557,360 lbs, Exeter, Marseilles; 10,575 lbs, Topdalsfjord, Trondhjem; 3,590 lbs, Coamo, Ciudad; (San Jacinto) 500 lbs, San Juan; 1,415 lbs, Ponce; 3,538 lbs, Mayaguez; 3,449 lbs, Borinquen, Trujillo; 5,830 lbs, Munargo, Nassau; 2,000 lbs, Talamanca, Havana; 10,188 lbs, Veragua, Havana
SULPHUR—44,885 lbs, Ringar, Port Natal
TALC—89,550 lbs, Scythia, Liverpool; 11,200 lbs, Kyno, Newcastle; 56,160 lbs, Andania, London
TALLOW—11,949 lbs, San Benito, Santiago
TANNING EXTRACT—41,928 lbs, Scythia, Liverpool
TURPENTINE — 2,500 gls, Uganda, Buenos Aires
VARNISH—613 lbs, Platano, Porto Barrios
INSULATING—1,445 lbs, Talamanca, Havana
REMOVER—1,356 lbs, Hektor, Buenos Aires
WAX, CARNAUBA—6,090 lbs, Scythia, Liverpool
WITCH HAZEL EXTRACT—4,912 lbs, American Traveler, Havre; 12,400 lbs, Gloucester City, Bristol; 147 lbs, Ponce, Ponce
ZINC DUST—1,810 lbs, Ringar, Port Natal
STEARATE—2,052 lbs, Talamanca, Havana

Baltimore Exports

Clearance Dates

Black Falcon, January 10; Exmoor, January 10; Nidareid, January 13; Tokai, January 7; Uruguayo, January 11

ACETOACETANILIDE—800 lbs, Black Falcon, Roermon
AMYL ACETATE—11,116 lbs, Black Falcon, Anvers
COLOR, DRY—50 lbs, Black Falcon, Antwerp
GREASE, LUBRICATING—4,740 lbs, Exmoor, Genoa (Black Falcon) 10,362 lbs, Antwerp; 4,100 lbs, Rotterdam; 4,201 lbs, Uruguayo, Montevideo
INSECTICIDE—8,304 lbs, Tokai Maru, Osaka
PAINT, LIQ—90 gls, Nidareid, Barranquilla
PORCELAIN ENAMEL FRIT—2,100 lbs, Black Falcon, Antwerp
SODA BICHROMATE — (468,300 lbs on the "Peter Maersk for Philippine ports, listed in January 17 issue, was a typographical error: the cargo was caustic soda")
CAUSTIC — (Peter Maersk) 453,300 lbs, Manila; 33,000 lbs, Cebu

Beaumont Exports

Clearance Dates

Chemnitz, January 3; Herbrand, January 2; Silverpalm, January 5

ASPHALT—127 dms, Chemnitz, Hamburg
OIL, BATCHING—14,284 bbls, Silverpalm, Calcutta
LUBRICATING—3,000 dms, Chemnitz, Bremen-Hamburg
PETROLEUM, CRUDE—103,362 bbls, Herbrand, Hamburg

Boston Exports

Clearance Dates

American Farmer, January 10; Evangeline, January 10; Kinai, January 12; Lady Somers, January 8; Quaker City, January 10; Yarmouth, January 12

ALUMINUM POWDER—1 dm, 250 lbs, Quaker City, London
ASBESTOS FIBER—1,030 cs, Kinai, Yokohama
BLUE, LAUNDRY—2 cs, 120 lbs, Evangeline, Halifax, N S
BRISTLES—2 cs, 160 lbs, Yarmouth, St John, N B
CAMPHOR—20 cs, 2,000 lbs, Evangeline, Yarmouth
CEMENT, CAN—10 dms, 4,579 lbs, Quaker City, London
GLUE, PHOTO-ENGRAVING—15 cs, 450 lbs, Quaker City, Hamburg
GREASE—1 keg, 100 lbs, Yarmouth, St John, N B
LARD—50 cs, 1,400 lbs, Quaker City, Dundee
LINING COMP—(Quaker City) 3 dms, 989 lbs, London; 53 dms, 3,790 lbs, Hamburg
MEDICINAL PREPS—80 bxs, 400 gls, Quaker City, London; 300 bxs, 1,500 gls, American Farmer, London
MICA, GRD—10 bgs, 1,000 lbs, Quaker City, London
OIL, LUBRICATING—1 dm, 1 ctn, 8 cs, Yarmouth, St John, N B
PASTE, ADHES—5 dms, 1 cs, 262 lbs, Quaker City, London
POLISH, STOVE—50 cs, 1,820 lbs, Yarmouth St John, N B
RESIN, SYNTH—2 cs, 100 lbs, Quaker City, Hamburg
TANNING EXTRACT—3 cs, American Farmer, London
VARNISH—1 bx, 4 gls, Lady Somers, Hamilton
WATERPROOF COMP—1 pkg, 50 lbs, Yarmouth, St John, N B

Corpus Christi Exports

Clearance Dates

Katy, December 24; Eli Knudsen, December 26; Luculus, December 26; Mendocino, December 29; Petrofina, December 28; Petter, December 14; Pluvoise, December 28; Realf, December 29; Woensdrecht, December 20

GASOLINE—6,046 bbls, Petter, Havre; 29,34 bbls, Woensdrecht, London; 82,014 bbl Luculus, Havre
KEROSENE—8,004 bbls, Woensdrecht, Londo
OIL, FUEL—3,771 bbls, Luculus, Havre
PETROLEUM, CRUDE—105,616 bbls, Petter Havre; 76,780 bbls, Katy, Nyndsham Sweden; 101,703 bbls, Eli Knudse Havre; 102,278 bbls, Pluvoise, Ber 37,927 bbls, Petrofina, Ertolde; 41,2 bbls, Realf, Gothenburg-Stockholm; 75,6

Galveston Exports
Clearance Dates

Chemnitz, January 10; Kirishma, January 6; Lubrafol, January 10; Monfiore, January 5; Stella Lykes, January 8; Tatra, January 6; Tornus, January 6

BLACK, CARBON—2,688 bgs, Kirishma, Kobe
COTTONSEED MEAL—175 tons, Tatra, Oslo
GASOLINE—10,500 tons, Tornus, United Kingdom
MOLYBDENITE — 70 bbls, Monfiore, Marseilles; 34 tons, Chemnitz, Hamburg
OIL, GAS—47,325 bbls, Lubrafol, Antwerp
POTASH—227 tons, Stella Lykes, San Juan
SULPHUR—3,500 tons, Monfiore, Marseilles

Houston Exports
Clearance Dates

Burgerdijk, January 11; Chemnitz, January 8; President Francqui, January 10; Monfiore, January 5; Olney, January 8; Patrician, January 6; Ranella, January 8; Sheherazade, January 5; Tatra, January 10; Tennessee, January 11

BLACK, CARBON—150 cs, 500 bgs, Monfiore, Genoa; (Patrician) 2,688 bgs, Liverpool; 5,292 bgs, 70 cs, Manchester; 17,208 bgs, 200 cs, Liverpool-Manchester; (Chemnitz) 200 tons, Bremen; 25 tons, Hamburg; 7 tons, Tennessee, Copenhagen; (Burgerdijk) 7 tons, London; 35 tons, Rotterdam; 2 tons, Newcastle; 8 tons, Leith; 15 tons, Calcutta; 6 tons, Bombay
COTTONSEED CAKE—450 tons, Tatra, Copenhagen
FOOTS—100 bbls, Patrician, Liverpool
MEAL—100 tons, Tatra, Oslo
GASOLINE—(Olney) 45,000 bbls, San Juan; 20,000 bbls, Ponce; 15,000 bbls, Mayaguez; (President Francqui) 3,400 tons, Amsterdam; 500 tons, Killingholm
KEROSENE—(President Francqui) 500 tons, Killingholm; 1,000 tons, White Booth Roads
OIL, GAS—6,300 tons, Ranella, Hamburg; 950 tons, President Francqui, Amsterdam
LUBRICATING—(Monfiore) 65 bbls, Genoa; 4,300 bbls, Marseilles; 30 tons, Tennessee, Copenhagen
PETROLEUM, CRUDE—17,800 tons, Sheherazade, Havre

Los Angeles Exports
Clearance Dates

Albertolite, January 5; Baldbutte, January 3; Foylebank, December 24; Kaiyo, January 1; Montevideo, January 4; Pacific Exporter, December 24; President Garfield, December 20; Ramapo, January 3; Rhexenor, December 18; San Luis, December 30; Schwaben, December 16; Siljestad, January 5; Solheim, January 3; Teiyo, December 24; Thorsholm, December 31; Vancouver, December 20; Wyoming, December 22

ACID, BORIC—30 sks, 6,720 lbs, Wyoming, Antwerp; 140 kgs, 15,680 lbs, Rhexenor, Hongkong; 400 bgs, 44,800 lbs, Pacific Exporter, Manchester
ASPHALT—36,000 lbs, Wyoming, Antwerp
BORATE—(Schwaben) 2,438 bgs, 457,180 lbs, Rotterdam; 3,652 bgs, 424,080 lbs, Hamburg; (Wyoming) 2,480 bgs, 410,910 lbs, Dunkirk; 1,340 bgs, 229,330 lbs, Havre; 1,922 bgs, 333,640 lbs, Vancouver, Hamburg
BORAX—(President Garfield) 20 kgs, 2,240 lbs, Tuticorin; 140 kgs, 15,680 lbs, Navlakhi; 300 kgs, 33,600 lbs, Karachi; 1,969 bgs, 220,530 lbs, Wyoming, Antwerp; 200 bgs, 44,800 lbs, Rhexenor, Hongkong; 1,600 bgs, 179,200 lbs, Pacific Exporter, Manchester; (Montevideo) 500 bgs, 56,500 lbs, Yokohama; 1,100 bgs, 124,210 lbs, Osaka.
CLAY, GRD—(President Garfield) 672 sks, 73,920 lbs, Singapore; 33 sks, 3,360 lbs, Bombay; 2,000 sks, 201,600 lbs, Al Khobar; 22 dms, 6,050 lbs, Pacific Exporter, Caiyarah, Syria
CLEANER—1,240 lbs, Foylebank, Hongkong
FILM SCRAP—40,270 lbs, Vancouver, Antwerp
GASOLINE—5,916 bbls, 1,544,080 lbs, Kaijo, Kure; 5,289 bbls, 1,380,430 lbs, San Luis, Tokuyama; 77,098 bbls, 20,122,580 lbs, Baldbutte, Havana
INFUSORIAL EARTH—(Schwaben) 749 bgs, 74,020 lbs, Antwerp; 382 bgs, 38,080 lbs, Hamburg; 315 bgs, 32,480 lbs, Wyoming, Havre
KEROSENE—109,533 bbls, 31,216,900 lbs, Thorsholm, Lands End
LACQUER—790 lbs, Foylebank, Hongkong
THINNER—1,800 lbs, Foylebank, Hongkong
OIL, DIESEL—82,125 bbls, 25,623,000 lbs, Solheim, Shanghai/Hongkong; 3,442 bbls, 1,073,900 lbs, Siljestad, Yokohama
OIL FUEL—75,496 bbls, 25,140,170 lbs, Ramapo, Cavite
OIL, LUBRICATING—740 dms, 368,990 lbs, Rhexenor, Manila
ORANGE, DIST—850 lbs, Vancouver, Hamburg
PETROLEUM, CRUDE—84,659 bbls, 26,413,610 lbs, Teiyo, Kure; 79,400 bbls, 24,772,800 lbs, Kaijo, Kure; 69,583 bbls, 21,709,900 lbs, San Luis, Tokuyama; 64,153 bbls, 20,015,740 lbs, Albertolite, Vancouver
PILET PREPS—(President Garfield) 1,140 lbs, Hongkong; 850 lbs, Manila; 400 lbs, Singapore; 300 lbs, Bombay; 600 lbs, Schwaben, Trinidad; (Wyoming) 450 lbs, Paris; 180 lbs, Brussels

Mobile Exports
Clearance Dates

Cabedello, December 27; Mariana, December 29; Marita, January 6

PITCH, PINE—2 dms, Marita, Maracaibo
ROSIN—(Cabedello) 150 bbls, Rio de Janeiro; 700 bbls, 100 dms, Buenos Aires
WOOD—100 dms, Cabedello, Santos
VINEGAR—10 bbls, Mariana, San Juan

New Orleans Exports
Clearance Dates

Actor, December 17; Anhalt, November 23; Aquarius, December 30; Breedijk, December 31; Cefalu, November 30; Clydebank, December 3; Crefeld, December 30; Director, December 22; Edgehill, December 20; Friesland, December 17; Goslar, December 18; Hanover, December 31; Lippe, December 20; West Cobalt, December 31

ASPHALT — 18 tons, Hanover, Rotterdam; 25 tons, Aquarius, Manchester; 20 tons, West Cobalt, Antwerp; 318 dms, Cefalu, Iquique; 1,103 sx, Crefeld, Hamburg; (Lippe) 175 sx, Bremen; 1,368 sx, Hamburg; 50 tons, Edgehill, Avonmouth; 44 tons, Hanover, Rotterdam; 108 tons, West Cobalt, Havre
ASPHALT, GILSONITE—10 tons, Aquarius, Manchester; 30 tons, Breedijk, London
BLACK, CARBON — 1 ton, Actor, Manchester; 5 tons, Hanover, Rotterdam; 15 tons, Aquarius, Manchester; (West Cobalt) 59 tons, Havre; 7 tons, Antwerp; (Goslar) 15 cs, Brisbane; 200 cs, 224 sx, Sydney; 230 cs, Melbourne; 12 cs, Adelaide; 15 cs, Anhalt, Lyttleton; (Clydebank) 13 cs, Brisbane; 3,853 bgs, 359 cs, Sydney; 4,128 bgs, 66 cs, Melbourne; 302 cs, Adelaide-Melbourne; (Crefeld) 5,420 sx, Bremen; 2,240 sx, Hamburg; 1,561 sx, Lippe, Hamburg; 51 cs, Friesland, Hongkong; (Breedijk) 3 tons, London; 6 tons, Rotterdam; (Edgehill) 52 tons, Glasgow; 8 tons, Belfast; 3 tons, Avonmouth
BONEMEAL — 5 sx, Cefalu, Panama
CLAY—50 tons, Actor, Manchester
GROUND — 2 tons, Hanover, Antwerp; 27 tons, Aquarius, Manchester; 49 tons, West Cobalt, Havre; 27 tons, Breedijk, London; 10 tons, Edgehill, Avonmouth
CORN SYRUP — 46 tons, Director, Liverpool; 46 tons, Breedijk, London
COTTONSEED CAKE — 9,798 sx, Crefeld, Hamburg; 21,518 sx, Lippe, Hamburg
MEAL — (Edgehill) 100 tons, Avonmouth; 1,250 tons, Cork; 1,250 tons, Limerick
GLUCOSE — (Anhalt) 70 bbls, Auckland; 76 bbls, Wellington; 50 bbls, Dunedin; 10 tons, Edgehill, Limerick
GREASE, LUBRICATING — 133 bbls, Crefeld, Hamburg
INFUSORIAL EARTH — (Goslar) 40 sx, Sydney; 976 sx, Adelaide; 422 bgs, Clydebank, Sydney
INSECTICIDE — 12 dms, Crefeld, Bremen-Hamburg optional
KEROSENE — 60 cs, Cefalu, Puerto Cabezas
LARD—3,390 bxs, Crefeld, Hamburg; 28 tons, Breedijk, London
LIGNIN LIQUOR—2 tons, Actor, Manchester
LIME—100 sx, Cefalu, Puerto Cabezas
MINERAL SPTS—(Clydebank) 60 dms, Brisbane; 650 cs, 50 dms, Melbourne
OIL, COTTONSEED—25 dms, Cefalu, Havana; 108 pkgs, Friesland, Kobe
FUEL—33,600 gls, Cefalu, Puerto Cabezas
LUBRICATING—19 tons, Actor, Manchester; 12 tons, Aquarius, Manchester; 4 tons, West Cobalt, Havre; 21 dms, Goslar, Sydney; (Anhalt) 30 dms, Auckland; 50 bbls, 100 dms, Wellington; (Clydebank) 124 dms, Sydney; 5 dms, Melbourne; (Crefeld) 298 bbls, Hamburg; 95 bbls, Bremen-Hamburg; (Lippe) 2,963 bbls, Hamburg; 108 bbls, Bremen-Hamburg; (Friesland) 4 dms, Yokohama; 256 dms, Kobe; 100 dms, Osaka; 3,100 dms, Hongkong; (Breedijk) 59 tons, London; 39 tons, Rotterdam; (Edgehill) 112 dms, Glasgow; 5 tons, Belfast; 15 tons, Avonmouth
PINE—12 dms, Clydebank, Sydney; 50 dms, Lippe, Hamburg
PARAFFIN—25 tons, Director, Liverpool; 25 tons, Hanover, Antwerp 197 tons, Aquarius, Manchester; (Cefalu) 500 sx, Talcahuano; 2,000 sx, Valparaiso; 12 bxs, Anhalt, Wellington; (Lippe) 191 sx, 1,050 bbls, Hamburg; 10 sx, Bremen-Hamburg
PETROLATUM—59 tons, West Cobalt, Antwerp; 80 bbls, Crefeld, Hamburg
PINETAR — (Goslar) 130 dms, Sydney; 250 dms, Melbourne; (Clydebank) 15 dms, Sydney; 50 dms, Melbourne; 60 tons, Breedijk, London
ROSIN—70 tons, Director, Liverpool; 69 tons, Hanover, Rotterdam; 89 tons, Aquarius, Manchester; (Goslar) 228 bbls, Sydney; 50 bbls, Melbourne; (Anhalt) 25 bbls, Auckland; 50 bbls, Wellington; 250 bbls, Lyttleton; 30 bbls, Clydebank, Melbourne; (Friesland) 272 bbls, Yokohama; 95 bbls, Kobe; 226 bbls, Osaka; 46 tons, Breedijk, London
SALTS—36 bgs, Clydebank, Brisbane; 896 bgs, Anhalt, Auckland; (Clydebank) 200 cs, Sydney; 500 cs, Melbourne; 300 cs, Adelaide
STARCH, CORN—554 tons, Breedijk, London
SULPHUR—2,885 tons, Aquarius, Manchester; 299 bgs, Clydebank, Sydney
TITANIUM ORE, CONC—51 tons, Breedijk, London
TOBACCO EXTRACT — 41 bbls, Crefeld, Bremen; 96 bbs, Lippe, Bremen
TRIPOLI — 156 tons, Actor, Manchester 114 tons, Aquarius, Manchester; 83 bgs, Clydebank, Sydney; 330 sx, Lippe, Hamburg
TURPENTINE—(Goslar) 20 cs, Sydney 200 cs, 65 dms, Melbourne; (Anhalt) 80 dms, 30 cs, Auckland; 301 dms, Wellington; 40 dms, Dunedin; 40 dms, New Plymouth; 5 dms, Clydebank, Melbourne

Norfolk Exports
Clearance Dates

Manchester Division, January 7; Quaker City, January 6

CORNFLOUR—400 bgs, 40,300 lbs, Quaker City, Hull
ETHYLENEGLYCOL—224 dms, 123,424 lbs, Manchester Division, Liverpool
LARD—(Manchester Division) 4,000 bxs, 254,250 lbs, Liverpool; 136 tcs, 60,618 lbs, Manchester
MICA, PULV—(Manchester Division) 250 bgs, 25,250 lbs, Liverpool; 22 bgs, 2,222 lbs, Manchester
OCHER—(Quaker City) 720 bgs, 113,240 lbs, Dundee; 1,170 bgs, 180,500 lbs, Leith
STARCH, CORN—440 bgs, 62,040 lbs, Manchester Division, Manchester
TANNING EXTRACT—475 bbls, 286,907 lbs, Manchester Division, Liverpool

Philadelphia Exports
Clearance Dates

Crefeld, January 8; Gunvor, January 10; Jeff Davis, January 10; Kinai, January 14; Louisanan, January 9; Molda, January 12; Nanman, January 12; Palembang, January 13; San Rafael, January 10; Schodack, January 12; Uruguayo, January 8

ANTI KNOCK COMP—4 dms, Molda, Marseilles
CEMENT, FIBRE—9 dms, Nanman, Sao Paulo
RUBBER—6 dms, 8 pls, Nanman, Sao Paulo
CHEMICALS, TANNING—1 bx, Crefeld, Hamburg
CHROME—500 bricks, Uruguayo, Buenos Aires
ETHYL FLUID—30 dms, Crefeld, Hamburg; (Schodack) 8 dms, Havre; 5 dms, St Nazaire; 60 dms, Molda, Sete
FILTER SAND—137 bgs, Molda, Lisbon
GASOLINE—10 cs, Crefeld, Hamburg
GREASE, LUBRICATING—10 qtr dms, San Rafael, Mollendo; 1 dm, 1 pl, Nanman, Sao Paulo; 10 dms, Palembang, Sourabaya
INSECTICIDE—23 ctns, San Rafael, Callao
LICORICE PASTE—8 cs, Uruguayo, Rio de Janeiro
LINSEED CAKE—3,194 bgs, Schodack, Havre
MEAL—(Gunvor) 2,570 bgs, Trinidad; 400 bgs, Leeward Islands
MERCURY—1 bx, Uruguayo, Buenos Aires
MINERAL SPTS—100 cs, 38 dms, San Rafael, Cristobal
OIL, COALTAR—2 dms, Schodack, Havre
CREOSOTE—7 dms, Uruguayo, Montevideo
LUBRICATING—1,037 bbls, 20 dms, 5 pkgs, Crefeld, Hamburg; (Schodack) 3 bbls, Havre; 120 bbls, St Nazaire; 226 bbls, 38 ctns, 2 dms, Bordeaux; (Uruguayo) 65
OIL, LUBRICATING (Continued):—
dms, 34 ctns, Santos; 65 dms, 105 cs, Montevideo; (Jeff Davis) 115 pkgs, Adelaide; 313 pkgs, Sydney; 1,253 pkgs, Brisbane; 920 pkgs, Melbourne; 8 pkgs, Newcastle; 57 pkgs, Townsville; 30 pkgs, Rockhampton; 25 pkgs, Cairns; (San Rafael) 20 dms, Cristobal; 95 dms, 130 ctns, Callao; 15 dms, Paita; 12 dms, Mollendo; (Molda) 236 pkgs, Leixoes; 758 dms, 31 pkgs, Casablanca; 70 pkgs, Tangier; pkgs, Oudja; 34 dms, 24 cs, Gibraltar; 100 dms, 19 pkgs, Marseilles; 4 pkgs, Algiers; 3 dms, Nanman, Sao Paulo; (Palembang) 50 dms, 123 pkgs, Batavia; 15 dms, 5 cs, Semarang; 56 dms, 339 pkgs, Sourabaya; 181 pkgs, Medan; 20 pkgs, Palembang; 40 pkgs, Padang; 2 dms, Sibolga; 286 pkgs, Port Swettenham; 557 pkgs, Singapore; 612 pkgs, Penang; 11 dms, Kinai Maru, Kobe
NEATSFOOT—10 bbls, Schodack, Havre
PAINT—123 pls, 16 dms, Nanman, Sao Paulo
GLAZE—1 cs, 1 pl, Nanman, Sao Paulo
PARAFFIN—20 bgs, Crefeld, Hamburg; 50 bgs, San Rafael, Guayaquil; (Molda) 300 bgs, Oporto; 100 bgs, Lisbon; 83 bbls, Marseilles
POLISH, AUTO—2 pls, Nanman, Sao Paulo
METAL—1 ctn, San Rafael, Callao
RESIN, COALTAR—2 dms, Schodack, Havre
SODA BICHROMATE—1 pl, Nanman, Sao Paulo
TOILET PREPS—2 cs, Molda, Bissao
TRINITROTOLUOL—960 cs, Louisanan, Antofagasta
XYLOL—50 dms, Uruguayo, Buenos Aires

Port Arthur Exports
Clearance Dates

Adria, January 7; Benedick, January 7; Meline, December 27; Roxane, December 26; Sangstad, January 6; Steel Ranger, January 1; Solitaire, December 31; West Irmo, December 31

ASPHALT, LIQ—(Sangstad) 420 dms, 70 cs, Auckland; 50 cs, 265 dms, Wellington; 116 dms, Sydney; 5 dms, Melbourne
PETROLEUM—(Steel Ranger) 1,000 dms, Colombo; 25 cs, 85 dms, Madras; 25 dms, Calcutta; (West Irmo) 10 dms, Lobito-Loanda; 1 bx, Port Bouet; 1 bx, Accra
SOLID—(Sangstad) 25 dms, Auckland; 649 dms, Wellington; 100 dms, 1,220 bbls, Sydney; 273 bbls, Melbourne; 136 bbls, Adelaide
GASOLINE—(West Irmo) 925 cs, Cape Palmas; 2,250 cs, Monrovia; 4,000 cs, Winnebah; 6,200 cs, Lagos-Apapa; 1,000 cs, Lome; 4,000 cs, Freetown; 5,000 cs, 1,850 dms, 200 bbls, Lobito-Loanda; 4,500 cs, Dakar; 2,100 cs, 50 dms, Duala; 5,000 cs, Cape Coast; 2,000 cs, Salt Pond; 8,150 cs, Port Bouet; 800 cs, Assinie; 1,500 cs, Bathurst; 2,000 cs, Port Harcourt; 2,000 cs, Takoradi; 11,795 cs, Accra; 200 cs, Calabar; 1,200 cs, Sapele; 2,000 cs, 20 dms, Kribi; 7,000 cs, Conakry; 2,000 cs, Cotonou
GREASE, LUBRICATING—(West Irmo) 2 dms, Cape Palmas; 104 dms, 30 cs, Lobito-Loanda; 6 cs, Lagos-Apapa; 20 cs, Freetown; 20 dms, Duala; 35 dms, 185 cs, Port Bouet; 620 bbls, Teneriffe; 3 dms, Port Marshall; 10 cs, 10 dms, Kribi; 15 half bbls, 135 bbls, 155 dms, 15 cs, Solitaire, Rouen; (Steel Ranger) 33 cs, Bombay; 90 dms, 200 cs, Madras; 400 cs, Calcutta; (Sangstad) 33 dms, 191 cs, Auckland; 72 dms, 106 cs, Wellington; 25 cs, 269 dms, 103 cs, Sydney; 132 dms, Melbourne; 172 dms, Adelaide
KEROSENE—(West Irmo) 75 cs, Cape Palmas; 1,750 cs, Monrovia; 4,000 cs, Winnebah; 10,200 cs, Lagos-Apapa; 100 cs, Lome; 3,300 cs, Freetown; 100 dms, 2,000 cs, Lobito-Loanda; 2,500 cs, Dakar; 1,200 cs, Duala; 400 cs, Cape Coast; 500 cs, Salt Pond; 2,000 cs, Port Bouet; 1,200 cs, Assinie; 600 cs, Bathurst; 1,000 cs, Port Harcourt; 2,000 cs, Takoradi; 3,750 cs, Accra; 1,800 cs, Calabar; 800 cs, Sapele; 1,000 cs, Kribi; 1,500 cs, Conakry; 2,000 cs, Cotonou; (Sangstad) 4,500 cs, Auckland; 2,000 cs, Wellington
OIL, DIESEL — (West Irmo) 200 dms, Cape Palmas; 20 dms, Lome; 350 dms, Lobito-Loanda; 100 dms, Port Bouet; 40 dms, Bathurst; 100 dms, Kribi; (Sangstad) 500 dms, Auckland; 250 dms, Wellington; 419 dms, Sydney; 168 dms, Melbourne; 362 dms, Adelaide
LUBRICATING — (West Irmo) 5 dms, Cape Palmas; 12 dms, Monrovia; 25 dms, 35 cs, Lagos-Apapa; 20 dms, Lome; 10 dms, 20 cs, Freetown; 175 dms, 170 cs, Lobito-Loanda; 115 dms, Dakar; 50 dms, 25 cs, Duala; 125 dms, 60 cs, Port Bouet; 4,800 dms, Teneriffe; 10 dms, 20 cs, Bathurst; 30 dms, 25 cs, Kribi; (Solitaire) 12,172 bbls, Manchester; 9,654 bbls, Dagenham; 7,256 bbls, 195 dms, Rouen; (Steel Ranger) 300 dms, 10 cs, Bombay; 2,540 dms, 120 cs, Madras; 97 dms, Calcutta; (Sangstad) 1,682 dms, 2,132 cs, Auckland; 1,506 dms, 2,000 cs, Wellington; 5,107 dms, 180 cs, Sydney; 376 dms, 50 cs, Melbourne; 50 cs, 294 dms, Adelaide
PARAFFIN — 15 cs, Sangstad, Sydney; 7,265 bgs, West Irmo, Teneriffe
REFINED — 50 cs, Sangstad, Auckland
PETROLEUM, CRUDE — 84,412 bbls, Roxane, Port de Bouc-Etang de Berre; 77,101 bbls, Meline, Bordeaux; 67,407 bbls, Adria, Rotterdam; 78,186 bbls, Benedick, Port de Bouc
SOLVENT, PAINT — (Sangstad) 100 cs, 10 dms, Auckland; 20 dms, 600 cs, Wellington; 48 dms, Sydney

San Francisco Exports
Clearance Dates

Admiral Halstead, December 30; American Reefer, December 27; Athelcrown, December 28; Bralanta, December 30; Cellina, December 27; Corneville, December 30; Cuzco, December 31; Delftdijk, December 29; Elbe, December 31; Foylebank, December 27; Oliver Olsen, December 28; President Garfield, December 29; Sepia, December 28; Silvermaple, December 27; W B Walker, December 31

ACETONE—216 dms, Delftdijk, Holland
ACETYLENE—2 cyls, Cuzco, Granada
ACID, BORIC—(President Garfield), 20 kgs, Manila; a quantity, Hongkong
FATTY—25 sks, Elbe, Panama
ORGANIC—2 cs, President Garfield, Hongkong
OXALIC—1 kg, Cuzco, Tegucigalpa
SULPHURIC—(Foylebank) 20 crbys, China; 20 crbys, Philippine Islands; 25 crbys, Admiral Halstead, Manila
ALUM, POTASH—1 kg, Cuzco, Tegucigalpa
AMMONIA, ANHYD—3 cyls, Cuzco, Manzanillo; 40 cyls, Elbe, Puntarenas
CARBONATE—1 cs, Cuzco, Tegucigalpa
SULPHATE—20,322 sks, Admiral Halstead, Iloilo
ANISE—1 sk, Cuzco, Tegucigalpa
APRICOT KERNELS—25 sks, Delftdijk, Holland
ASPHALT—6,846 dms, Silvermaple, Batavia/Samarang/Sourabaya/Cheribon/Medan; 4 bbls, Oliver Olsen, Acapulco; (President
ASPHALT (Continued):—
Garfield) 25 dms, Madras; 40 dms, Bangkok; 315 bbls, 505 dms, Singapore; 130 dms, Hongkong, 12 bbls, Al Khobar; 9,577 dms, Corneville, Batavia; 910 dms, Admiral Halstead, Manila; 341 sks, Elbe, Hamburg
GILSONITE—(Delftdijk) 278 sks, England; 19 sks, Holland
BENZOL—8 cs, Foylebank, China
BLACK, BONE—334 sks, Corneville, Palembang
BLEACHING POWDER—20 dms, President Garfield, Hongkong
BORAX—5 cs, Foylebank, Philippine Islands; (President Garfield) 10 sks, Manila; 4 cs, Kobe
CALCIMINE—2 kgs, 4 cs, President Garfield, Madras
CEMENT, ROOF—10 cs, Cuzco, Callao
CHEMICALS—(President Garfield) 4 cs, Hongkong; 1 cs, Palembang
BOILER—8 dms, Pesident Garfield, Manila
CHLORINE, LIQ—(Foylebank) 32 cyls, Philippine Islands; 4 cyls, China; 11 cyls, Cuzco, Negritos
CHLOROFORM—5 cs, President Garfield, Hongkong
CINNAMON—(Cuzco) 4 bbls, Honduras; 25 bls, Champerico; 25 bls, La Union; 15 bls, Guayaquil; 15 bls, Tegucigalpa; 6 bls, Amapala; 4 bls, Mollendo; 4 bls, La Union
CLEANER—4 cs, Cuzco, Guayaquil; 10 cs, Foylebank, China; 1 cs, President Garfield, Harbin
CLOVES—(Cuzco) 3 sks, Guayaquil; 2 sks, Amapala; 1 bl, Tegucigalpa
COALTAR INTERMEDIATES—18 bbls, President Garfield, Osaka
COCOA WASTE—170 sks, Delftdijk, Holland
COLLODION—24 cs, Foylebank, Philippine Islands
COLOR, DRY—(President Garfield) 17 sks, Bangkok; 34 cs, 14 kgs, Madras; 3 bbls, Cuzco, Manzanillo
CORN SUGAR—11 cs, President Garfield, Hongkong
CREAM TARTAR—2 bbls, Cuzco, Tegucigalpa
CUMIN SEED—(Cuzco) 5 sks, Tegucigalpa; 16 sks, Guayaquil
DENTIFRICES—15 cs, President Garfield, Penang; 4 cs, Foylebank, Philippine Islands
DISINFECTANT—2 cs, President Garfield, Manila
DRESSING, SHOE—1 cs, President Garfield, Manila
DRUGS—20 cs, Foylebank, Philippine Islands; (President Garfield) 8 cs, Hongkong; 20 cs, Madras; 30 cs, Bombay; 21 cs, Manila
EPSOM SALT—2 dms, President Garfield, Hongkong
ETHYLENE DIBROMIDE—1 cs, Admiral Halstead, Kakati
FERTILIZER—45 sks, President Garfield, Manila
FILTER PAPER—1 cs, Cuzco, San Miguel
FLYSPRAY—(President Garfield) 30 cs, Manila; 58 cs, Singapore
FULLER'S EARTH—3,200 sks, Cuzco, Talara
GASOLINE—(Cuzco) 2,000 dms, Puntarenas; 25 dms, San Jose de Guatemala
AVIATION—11,033 bbls, W B Walker, Sydney/Melbourne
GLAUBER'S SALT—10 kgs, 2 bbls, Cuzco, Tegucigalpa
GLUCOSE—(President Garfield) 180 bbls, Manila; 10 bbls, Kuala
GLUE, ANIMAL—1 cs, Foylebank, China
DRY—1 cs, Foylebank, Philippine Islands; 1 cs, President Garfield, Poona City
GLYCERIN—40 cs, President Garfield, Hongkong
GREASE, LUBRIC—(President Garfield) 23 dms, 200 pls, Manila; 5 pls, 5 cs, Kobe; 10 cs, Hongkong; 130 dms, Corneville, Sydney; (Cuzco) 13 cs, San Jose de Costa Rica; 30 pls, Guayaquil; 5 dms, Manzanillo
GUM, ARABIC—1 kg, Cuzco, Tegucigalpa
GYPSUM, CALC—40 sks, President Garfield, Manila
INK, MARKING—1 cs, President Garfield, Hongkong
PRINTING—(Foylebank) 1 cs, 10 dms, China; 20 pls, 5 cs, Philippine Islands; 60 dms, 2 cs, Hongkong; 1 cs, 1 dm, Poona City; (Cuzco) 4 dms, Quito; 20 dms, Valparaiso
WRITING—15 cs, Foylebank, Philippine Islands
INSECTICIDE—3 cs, Cuzco, Guayaquil
IODINE, RESUB—1 cs, President Garfield, Hongkong
KEROSENE—3 dms, Cuzco, Tegucigalpa; 4,542 bbls, W B Walker, Sydney/Melbourne
LACQUER—1 cs, American Reefer, Palestine; 1 cs, Foylebank, Philippine Islands; (Cuzco) 13 pls, Guadalajara; 4 cs, Lima; 109 pls, Mexico City
THINNER—2 dms, 11 pls, Cuzco, Mexico City
LEAD, DRY—50 kgs, Foylebank, Philippine Islands
IN OIL—250 kgs, Foylebank, Philippine Islands
WHITE—342 kgs, President Garfield, Manila
WHITE, IN OIL—6 crts, Cuzco, Amapala
LIME—(Cuzco) 400 dms, San Juan del Sur; 444 dms, Millendo
LITHARGE—20 bbls, 1 cs, Foylebank, Philippine Islands; 2 kgs, Cuzco, Lima
MAGNESIA—20 sks, President Garfield, Hongkong
MEDICINAL PREPS—(President Garfield) 8 cs, Manila; 21 cs, Bombay; 5 cs, Hongkong
MERCURY BICHLORIDE—1 cs, President Garfield, Hongkong
METHYL CHLORIDE—(Foylebank) 1 cyl, China; 3 cyls, Philippine Islands; 1 cyl, President Garfield, Manila
SALICYLATE—1 dm, Cuzco, Tegucigalpa
MILK POWDER—4 bbls, President Garfield, Hongkong
SUGAR—168 bbls, Delftdijk, England
MINERAL SPTS—15 cs, Cuzco, Puntarenas
MOTOR SPTS—(W B Walker) 8,504 bbls, Suva; 75,819 bbls, Sydney/Melbourne
NUTMEGS—1 sk, Cuzco, Amapala
OIL, BATCHING—4,529 bbls, W B Walker, Sydney/Melbourne
COCONUT—25 dms, Cuzco, Corinto
CYLINDER—(President Garfield) 2 dms, Manila; 10 dms, Saigon
DIESEL—10,710 bbls, Foylebank, China; 21,048 bbls, Athelcrown, Kawasaki; 60,855 bbls, Sepia, Kobe; 3,561 bbls, W B Walker, Suva
FUEL—9,843 bbls, Athelcrown, Kawasaki; (Bralanta) 52,620 bbls, Osaka; 45,604 bbls, Moji; 50 dms, Cuzco, San Jose de Costa Rica
LUBRICATING—30 dms, Cellina, France; 15 dms, American Reefer, Syria; 827 bbls, Foylebank, China; (President Garfield) 350 dms, Bangkok; 530 dms, 6 cs, Hongkong; 42 dms, 222 cs, 4 pls, Manila; 393 cs, Kobe; 50 dms, Singapore; 70 dms, Bombay; (Corneville) 1,375 dms, Sydney; 141 dms, Samarang; 112 dms, Sourabaya; 119 dms, 4 cs, Medan; 186 dms, Batavia; 3 dms, Palembang; 26 dms, Macassar; 20 dms, Telok-Betong; 100 dms, Admiral Halstead, Cebu; (Cuzco)) 50 dms, Puntarenas; 13 dms, 15 cs, San Jose de Costa Rica; 100 dms, 3 cs, Guayaquil; 115 dms, 30 cs, Manzanillo; (W B Walker) 3,003 bbls, Sydney; 4,243 dms, Sydney/Melbourne; 2 dms, Elbe, Puntarenas
TRANSMISSION—5 cs, President Garfield, Hongkong
OXIDE—14 bbls, President Garfield, Manila
OXYGEN—8 cyls, Cuzco, Granada

PAINT—99 cs, 15 kgs, Foylebank, Philippine Islands; (President Garfield) 2,161 cs, 2 dms, 20 pls, Madras; 3 dms, Manila; 22 dms, 41 kgs, Bangkok; (Cuzco) 52 pls, 5 dms, Mexico City; 6 cs, San Jose de Costa Rica; 1 cs, Lima; 16 pls, Manzanillo; 69 cs, Guatemala; 546 cs, 72 pls, San Jose de Costa Rica
164 cs, Cuzco, San Jose de Costa Rica
ENAMEL—(Cuzco) 145 pkgs, 2 cs, Mexico City; 1 cs, Guatemala
LIQUID—(President Garfield) 865 cs, 90 kgs, Manila; 10 cs, Madras
REMOVER—5 cs, President Garfield, Manila
THINNER—1 dm, Cuzco, Mexico City
PARAFFIN—40 sks, President Garfield, Dairen; 400 sks, Cuzco, Callao
PEPPER—2 sks, Cuzco, San Miguel
BLACK—(Cuzco) 5 sks, Guayaquil; 6 sks, Tegucigalpa
PETROLEUM—4 cs, President Garfield, Giza; (Corneville) 9 cs, Samarang; 2 dms, Sourabaya; 40 cs, Batavia; 250 dms, Sydney
CRUDE—93,000 bbls, Athelcrown, Kawasaki
REFINED—190,050 gls, W B Walker, Sydney/Melbourne
PITCH—1 ton, Oliver Olsen, Acapulco
POLISH, AUTO—600 lbs, President Garfield, Saigon
FURNITURE—7 cs, Foylebank, Philippine Islands; 1 cs, President Garfield, Davao
METAL—1 cs, President Garfield, Kobe
SHOE—3 cs, Foylebank, Philippine Islands
POTASH CHLORATE—1 kg, Cuzco, Tegucigalpa
ETHYLXANTHATE—(Elbe) 25 dms, Coquimbo; 10 dms, Uyuni
IODIDE—1 dm, 1 cs, President Garfield, Hongkong
XANTHATE—48 dms, Cellina, Cypress
PUTTY—7 pls, Cuzco, Mexico City
QUICKSILVER—3 flsks, President Garfield, Kobe; 1 flsk, Cuzco, Amapala
RESIN—2 dms, 1 cs, President Garfield, Hongkong
ROCHELLE SALT—1 kg, Cuzco, Tegucigalpa
ROSEMARY LEAVES—(Cuzco) 1 sk, Tegucigalpa; 1 sk, Amapala
SAGO FLOUR—2 sks, President Garfield, Kobe
SCOURING POWDER—A quantity, President Garfield, Bangkok
SHELLAC—80 cs, President Garfield, Manila
SIZE—1 cs, Foylebank, Philippine Islands
LIQUID—3 cs, President Gerfield, Bangkok
SOAP, LAUNDRY—4 cs, President Garfield, Hongkong
POWDER—(President Garfield) 1 cs, Bangkok; 2 cs, Hongkong
TOILET—420 cs, President Garfield, Hongkong
SODA BICARBONATE—1 cs, 2 dms, President Garfield, Hongkong; 12 kgs, 2 bbls, Cuzco, Tegucigalpa
CAUSTIC—5 dms, President Garfield, Manila; (Cuzco) 60 dms, Corinto; 10 dms, Amapala
CHLORIDE—1 dm, President Garfield, Hongkong
PEROXIDE—1 cs, Cuzco, Arica
SILICATE—9 cs, President Garfield, Hongkong
SULPHUR—10 sks, President Garfield, Manila; 30 bbls, Cuzco, San Juan del Sur
DIOXIDE—1 cyl, President Garfield, Manila
LUMP—111 bbls, President Garfield, Hongkong
REFINED—6 sks, Cuzco, Mollendo
STICKS—7 bdls, Cuzco, Talara
TALLOW—(Cuzco) 5 dms, San Jose de Guatemala; 11 bbls, Manzanillo
TANKAGE—2,070 sks, Delftdijk, England
TAPIOCA—2 sks, President Garfield, Kobe; 5 sks, Cuzco, Guayaquil
TOILET PREPS—7 cs, Foylebank, Philippine Islands; (President Garfield) 1 cs, Manila; 16 cs, Hongkong; (Cuzco) 2 bbls, Tegucigalpa; 1 cs, San Salvador; 1,200 cs, Foylebank, Philippine Islands
VANILLA BEANS—15 cs, Delftdijk, England; 16 cs, Elbe, Hamburg
VARNISH—50 cs, Foylebank, Philippine Islands; (Cuzco) 5 dms, 5 pls, Mexico City; 24 cs, Quito; 2 cs, 1 dm, Guatemala
THINNER—1 cs, American Reefer, Palestine
WAX—5 cs, Cuzco, Guatemala
BEES—(President Garfield) 10 cs, Kobe; 14 cs, Osaka
PASTE—4 cs, President Garfield, Kobe
POLISH—3 cs, Cuzco, Guayaquil
ZINC DUST—(Cuzco) 25 cs, Salaverry; 97 cs, Amapala

Savannah Imports

Clearance Dates

Schoharie, January 8; Vermont, January 11

CLAY—2,240 bgs, Schoharie, London
ROSIN, GUM—(Schoharie) 1,220 bbls, London; 101 bbls, Hull; 750 bbls, Rotterdam; 50 bbls, Antwerp; (Vermont) 100 bbls, Cartagena; 100 dms, Barranquilla; 10 dms, Porto Cabello; 50 dms, Santiago; 10 bbls, Paita
SIZE—(Schoharie) 359 bgs, Rotterdam; 110 bgs, Antwerp
TURPENTINE, GUM—(Vermont) 100 cs, Callao; 4 dms, Salavery; 30 cs, Lima; (Schoharie) 1,285 bbls, London; 200 bbls, Hull; 1,370 bbls, Rotterdam; 449 bbls, Antwerp

Tampa Exports

Clearance Dates

Bochum, January 9; General Tosta, January 7; Kelkheim, January 4

GASOLINE — 3 dms, General Tosta, Belize
PHOSPHATE — 4,000 tons, Bochum, Hamburg; 6,850 tons, Kelkheim, Rotterdam
SODA, NITRATE — 10 bgs, General Tosta, Belize

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—71,747 bbls, Edward L Doheny, Baytown
OIL, GAS—33,037 bbls, Sunbeam, Carteret, N J
HEATING—46,835 bbls, C J Barkdull, Baytown
RANGE—32,396 bbls, C J Barkdull, Baytown
PETROLEUM, CRUDE—61,396 bbls, Federal, Houston; 70,367 bbls, W W Mills, Port Arthur; 40,214 bbls, Sunbeam, Carteret, N J; 48,129 bbls, Thermo, Texas City; 54,547 bbls, Paco, Texas City; 72,890 bbls, W E Hutton, Port Neches; 85,891 bbls, Christy Payne, Baytown; 50,169 bbls, Cassimir, Port Isabel; 74,284 bbls, Allan Jackson, Baytown; 100,943 bbls, E G Seubert, Baytown; 110,209 bbls, Fred W Weller, Baytown; 54,398 bbls, J J Coney, Baytown; 73,208 bbls, Cities Service Kansas, Baytown; 70,753 bbls, Halo, Baytown; 98,982 bbls, F W Abrams, Baytown; 110,031 bbls, H H Rogers, Baytown; 73,609 bbls, Meton, Texas City

Los Angeles Coast Trade

GASOLINE—56,245 bbls, Arizona, Seattle; 66,357 bbls, Agwiworld, Seattle; 10,634 bbls, Tejon, Portland; 7,974 bbls, San Diegan, San Diego; 71,401 bbls, Illinois, Portland; 7,099 bbls, Emidio, Portland; 62,583 bbls, Lebec, San Francisco; 37,526 bbls, Edwin B de Golio, Richmond; 9,781 bbls, San Diego, San Diego
OIL, DIESEL—17,435 bbls, Agwiworld, Seattle; 21,342 bbls, Utacarbon, Portland; 3,007 bbls, Tejon, Portland; 2,374 bbls, San Diegan, San Diego; 7,226 bbls, Lebec, San Francisco
FUEL—54,167 bbls, Tejon, Portland; 49,516 bbls, Topila, Longview; 35,000 bbls, La Purisima, Oleum; 61,168 bbls, Emidio, Portland; 50,104 bbls, Brazos, Bremerton; 31,608 bbls, Brandywine, San Francisco; 33,545 bbls, Neches, San Diego; 2,321 bbls, Coast Farmer, Portland; 7,013 bbls, James Griffiths, Seattle; 50,047 bbls, Torres, San Francisco
FURNACE—2,076 bbls, Tejon, Portland, 2,047 bbls, Lebec, San Francisco
ROAD—14,700 bbls, Brandywine, San Francisco
PETROLEUM, CRUDE—74,114 bbls, Los Angeles, Oleum
REFINED PRODUCTS—43,580 bbls, Utacarbon, Portland; 17,000 bbls, La Purisima, Oleum

San Francisco Coast Trade

ALCOHOL—75 dms, Iowan, Philadelphia
ALUM—40 tons, El Cedro, Everett
ALUMINA SULPHATE—700 sks, Munami, Portland, Ore
APRICOT KERNELS—37 tons, Iowan, New York
BLUE VITRIOL—21 tons, El Cedro, Everett
BONE MEAL—40 tons, El Cedro, Seattle
10 tons, El Cedro, Everett
300 sks, Coast Trader, Bellingham
CHLORINE BLEACH, LIQUID—5,000 cs, Washingtonian, Baltimore
3,000 cs, Californian, Port Newark
1,335 cs, Point San Pedro, Seattle
2,000 cs, Iowan, Philadelphia
CLAY, CALCINED—23 tons, Californian, New York
COCONUT, DESIC—150 cs, Washingtonian, Savannah
1,901 cs, Californian, New York
158 cs, Californian, Boston
972 cs, Iowan, New York
COLOR, DRY EARTH—20 tons, Californian, New York
DENTIFRICE—13 tons, Californian, New York
DRUGS—2 cs, President Taft, Los Angeles
ETHYLENE DIBROMIDE—16 tons, Iowan, Philadelphia
GLUE—121 pkgs, Point San Pedro, Seattle
DRY—18 tons, Californian, New York
THINNER—15 tons, El Cedro, Seattle
50 dms, Point San Pedro, Seattle
GUM COPAL—228 sks, Californian, New York
LARD SUBSTITUTE—725 pkgs, Point San Pedro, Seattle
MACE—25 cs, Point San Pedro, Seattle
MILK POWDER—25 tons, Californian, Port Newark
20 tons, Californian, Philadelphia
19 tons, Californian, Boston
200 bbls, Selma City, Portland, Me
165 bbls, Iowan, New York
OIL, CHINAWOOD—150 dms, Lowan, New York
EUCALYPTUS—11 dms, Iowan, New York
LUBRICATING—60 dms, Washingtonian, Wilmington, N C
80 dms, Californian, Port Newark
116 pkgs, Point San Pedro, Seattle
PAINT—5 tons, Californian, Port Newark
1,581 pkgs, Munami, Portland, Ore
PETROLEUM PRODUCTS—32 tons, Californian, Philadelphia
14 tons, Coast Banker, Astoria
POTASH XANTHATE—20 tons, Iowan, Philadelphia
PRUNE JUICE—6 tons, Californian, Port Newark
QUICKSILVER—88 flsks, Californian, New York
SALT—137 tons, El Cedro, Tacoma
45 tons, El Cedro, Everett
1,971 pkgs, Coast Trader, Bellingham
24 tons, Coast Banker, Portland, Ore
4,560 pkgs, Munami, Portland, Ore
4,706 pkgs, Point San Pedro, Seattle
1,110 pkgs, Point San Pedro, Tacoma
SOAP—15 tons, El Cedro, Seattle
1,500 cs, Point San Pedro, Seattle
SODA SILICATE—200 sks, Point San Pedro, Seattle
300 sks, Point San Pedro, Tacoma
SODA HYPOCHLORITE—42 tons, Susan V Luckenbach, Philadelphia
129 tons, Florence Luckenbach, New Orleans
SILICATE—60 dms, Point San Pablo, Seattle
SPEISS, BULK—149 tons, El Cedro, Seattle
GRANULATED—2,800 sks, El Cedro, Seattle
TAPIOCA FLOUR — 110 sks, Charles L Wheeler, Jr, Portland, Ore
TOILET PREPS—80 cs, Mexican, Seattle
WATER, MINERAL—15 cs, Minnesotan, Portland, Ore
XANTHATE—29 tons, Californian, New York
ZINC HYDROSULPHATE—18 tons, Californian, Port Newark

Recent Charters

COTTONSEED—483,000 cubic feet, S S Tesco, Alexandria to Hull, 12s 6d per 60 cubic feet; January
FLAXSEED—400,000 cubic feet, S S Oltul, Madras Coast to United Kingdom, Continent, 33s 9d; January
FLAXSEED———tons, S S Yamagata, Buenos Aires to United States Pacific, $6.25 per ton; prompt
MANGANESE ORE—6,000 tons, S S Ayisham, Vizagapatam to Workington, 27s; January
PETROLEUM—7,200 tons, S S Ernesto Tornquist, dirty, Venezuela to St Vincent, 15s; January
—— tons, S S ——, Gulf to North of Hatteras, 37c barrel; January-February
2,961 tons, S S Beaufor, gas oil, Baton to Hamburg, 28s; March
—— tons, S S Athel ——, dirty, Aruba or Curacao to United Kingdom, Continent, 21s 9d; February-March
3,154 tons, S S Andrea, dirty, Gulf to Danzig, 29s; February-March
—— tons, S S Athel ——, dirty, California to Japan, 29s 6d, two trips; February-March
75,000 bbls, S S Huguenot, Gulf to North of Hatteras, two trips, 37c; February
331 tons, S S Jole Fassio, dirty, Aruba to Adriatic ports, 28s 6d; February
4,867 tons, S S Athos, dirty, Gulf to Port de Bouc, 30s; Febuary
PETROLEUM (Continued):—
4,930 tons, S S El Mirlo, dirty, Aruba to Cristobal or Balboa, 14c; February
3,981 tons, S S Katy, Aruba to United Kingdom, Continent, 21s 6d; February
3,963 tons, S S Oilfield, Aruba to United Kingdom, Continent, 27s 6d; option Gulf loading, 32s 6d
—— tons, S S ——, gasoline, Gulf to North of Hatteras, 37c a barrel; February
4,288 tons, S S Morgenen, Aruba to United Kingdom, Continent, 20s; March, two voyages
4,830 tons, S S Imperial Transport, dirty, Aruba to United Kingdom, Continent, two voyages, 20s; March
3,565 tons, S S Gylfe, dirty, Constanza to Continent, 23s 6d; February-March
5,714 tons, S S Havkong, clean, California to Australia, 28s 6d; January
12,469 tons, S S Capulet, two and a half years' time charter, 7s; June, 1938
75,000 bbls, S S Larry Doheny, light crude, Gulf to North of Hatteras, 36c, 40c bunker; January 26
1,076 tons, S S Teddy, dirty, three years' time charter; January-February
15,000 tons, S S Regulus, dirty, ten years' time charter, 5s 3d; commencing February-March, 1939
941 tons, S S Usedom, Batoum to Preston, 24s; February-March
3,665 tons, S S John P Pedersen, dirty, Venezuela to United Kingdom, Continent, two voyages, 21s 3d; February
4,970 tons, S S Inneroy, clean, Abadan to United Kingdom, Continent, 43s 6d; February
3,432 tons, S S Vancouver, clean, Aruba to United Kingdom, Continent, 29s; February
3,561 tons, S S Leiesten, dirty, Aruba to United Kingdom, Continent, 21s 6d; January 29
4,402 tons, S S Myriam, dirty, Gulf to Trieste, 29s; February
3,830 tons, S S Norfold, dirty, Aruba to Buenos Aires, 25s; February
3,609 tons, S S Britta, dirty, Peru to Bahia Blanca, 30s; February
2,142 tons, S S Laura Corrado, dirty, Gulf to Ceuta, 27s; February
3,741 tons, S S Sveve, clean, Gulf to United Kingdom, Continent, 32s 9d; February-March
3,415 tons, S S Virgilia, clean, Aruba to United Kingdom, Continent, 29s; February
9,000 tons, S S Omplae, dirty, Gulf to Donges; February
3,966 tons, S S Lise, clean, Gulf to Sweden, 38s; February
3,628 tons, S S Abadan, clean, Gulf to United Kingdom, Continent trade, 15 consecutive voyages, 10s 6d; February
3,753 tons, S S Ranja, clean, Gulf to French Atlantic, 33s; February-March
13,500 tons, S S ——, Aruba to United Kingdom, Continent, 25s; March
—— tons, S S ——, crude oil, Gulf to North of Hatteras, 37c a barrel; February
—— tons, S S Athel ——, dirty, California to Japan, two voyages commencing March; 31s
—— tons, S S ——, clean, Gulf to North of Hatteras, Febuary 8 loading, gasoline, 41c: No 2 heating oil, 42c a barrel
9,500 tons, S S Seirstad, clean, Gulf to United Kingdom, Continent, 32s 6d; February
—— tons, S S Spigstad, Gulf to United Kingdom, Continent, 15 consecutive voyages, 19s; January
—— tons, S S ——, clean, Aruba to United Kingdom, Continent, 32s; January
—— tons, S S ——, Aruba to United Kingdom, Continent, 20s, two consecutive voyages; January-February
—— tons, S S ——, Gulf to United Kingdom, Continent, 35s; January-February
8,000 tons, S S Castana, fuel oil, Gulf to North of Hatteras, 39c barrel; January
8,500 tons, S S Virgilia, clean, Aruba to United Kingdom, Continent, 28s; January-February
10,000 tons, S S Huguenot, crude oil, 36c to 40c, according to grade; January
9,000 tons, S S Nina Borthen, clean, Aruba to Oslo-Bergen range, 31s; February
14,000 tons, S S Malabar, crude oil, Gulf to North of Hatteras, 35c to 39½c, according to grade; February
—— tons, S S Anna Knudsen, dirty, Aruba to United Kingdom, Continent, 22s; January-February
—— tons, S S Fosna, dirty, California to Japan, 27s; February-March
75,000 bbls, S S W W Bruce, crude oil, Gulf to North of Hatteras, 30 degrees or higher, 33c; 20 degrees to 29.9 degrees, 35c; 10 degrees to 19.9 degrees, 37c; January
75,000 bbls, S S W W Mills, 10 percent, Gulf to North of Hatteras, crude oil, 30 degrees or higher, 34c; 20 degrees to 29.9 degrees, 35c; 10 degrees to 19.9, 36½c; under 10 degrees, 38½c; February
SOYBEANS—9,500 tons, S S City of Canton, Dairen to Rotterdam or Hamburg, 36s 6d; option Rashin loading, 36s 6d, with Hull and Northern options 1s 3d per ton extra; January 15-February 10

Cargo Ship Arrivals

January 15 to January 28

New York

Agwistar	Vera Cruz*	Jan 24
Alaskan	Portland*	Jan 18
Alaunia	Havre*	Jan 24
American Legion	Buenos Aires*	Jan 26
American Shipper	Liverpool*	Jan 21
American Trader	London	Jan 24
Argentino	Santos*	Jan 25
Astrea	Maracaibo*	Jan 24
Bassano	Hull	Jan 22
Belle Isle	St John's*	Jan 20
Berengaria	Southampton*	Jan 19
Bergensfjord	Oslo*	Jan 21
Birchbank	Calcutta*	Jan 24
Black Eagle	Rotterdam*	Jan 21
Black Hawk	Rotterdam*	Jan 26
Black Tern	Rotterdam*	Jan 18
Borinquen	Trujillo*	Jan 17
Borkum	Rosario*	Jan 19
Bremen	Bremen*	Jan 20
Buenaventura	Port au Prince*	Jan 24
Californian	Tacoma*	Jan 20
Camamu	Paranagua*	Jan 24
Cape Howe	Bahia*	Jan 19
Carinthia	Liverpool*	Jan 24
Chelyuskinets	Novorossisk*	Jan 21
City of Birmingham	Calcutta*	Jan 23
City of Delhi	Adelaide*	Jan 17
City of Fairbury	Sundsvall*	Jan 20
Cliffwood	Wallvik*	Jan 27
Colombia	Puerto Colombia*	Jan 24
Consul Corfitzon	Sundsvall*	Jan 26
Cristobal	Cristobal*	Jan 17
Cubano	Buenos Aires*	Jan 19
Cypria	Marseilles*	Jan 26
Danio	Hamburg	Jan 23
Dorothy Luckenbach	Seattle*	Jan 26
Drottningholm	Gothenburg	Jan 17
Dundrum Castle	Beira*	Jan 24
Excello	Oran*	Jan 26
Exiria	Borgas*	Jan 26
Exochorda	Jaffa*	Jan 20
Fort Townshend	Trinidad*	Jan 26
Frida	Chile*	Jan 20
Gerolstein	Antwerp	Jan 27
Giulia	Genoa*	Jan 25
Gripsholm	Gothenburg*	Jan 28
Haarfagee	Ilheos*	Jan 21
Henri Jaspar	Antwerp	Jan 21
Ingrid	Paramaribo*	Jan 24
Iowan	Seattle*	Jan 25
Jamaica	Puerto Colombia*	Jan 17
Javanese Prince	Hongkong*	Jan 21
Katsuragi	Singapore*	Jan 24
Kelyo	Kobe*	Jan 24
Kwansai	Keelung*	Jan 25
Lafayette	Havre*	Jan 20
Laura	Trieste*	Jan 25
Lensovet	Leningrad*	Jan 22
Lindenfels	Bremen	Jan 28
Manaqui	Georgetown*	Jan 24
Massmar	Portland	Jan 24
Manhattan	Hamburg*	Jan 24
Medea	Maracaibo*	Jan 17
Munargo	Havana*	Jan 20
Nerissa	Trinidad*	Jan 19
Nordhavet	Lisbon*	Jan 17
Otho	Freetown*	Jan 22
Paul Luckenbach	Seattle*	Jan 23
Pennsylvanian	Portland*	Jan 28
Platano	Puerto Castilla*	Jan 20
Pomona	Seattle	Jan 25
Port Caroline	Liverpool*	Jan 18
President Polk	Honolulu*	Jan 25
President Roosevelt	Hamburg*	Jan 22
Rena	La Plata	Jan 24
Rex	Genoa*	Jan 26
Robin Goodfellow	Mombasa*	Jan 21
Roma	Genoa*	Jan 21
Sagadahoc	Capetown*	Jan 25
St Louis	Hamburg*	Jan 23
Saleier	Port Swettenham*	Jan 24
San Angelo	Seattle*	Jan 18
San Jacinto	La Romana*	Jan 18
Santa Elena	San Francisco*	Jan 19
Santa Inez	Antofagasta*	Jan 24
Santa Maria	Valparaiso*	Jan 17
Santa Rosa	Puerto Colombia*	Jan 25
Seatrain New York	New Orleans*	Jan 18
Siboney	Vera Cruz*	Jan 23
Skramstad	Genoa	Jan 22
Sorvard	Hernosand*	Jan 22
Steel Traveler	Port Swettenham*	Jan 19
Tabian	Batavia*	Jan 23
Texas Banker	Houston*	Jan 24
Texas Trader	Houston*	Jan 17
Troilus	Hongkong*	Jan 19
Tyrifjord	Oslo*	Jan 21
Unicol	Madras*	Jan 27
Van Rensselaer	Amsterdam*	Jan 24
Veragua	Puerto Colombia*	Jan 19
Volendam	Rotterdam*	Jan 18
Vulcania	Trieste*	Jan 18
Wales	Kobe*	Jan 24
Western Prince	Buenos Aires*	Jan 19
Wichita	Hongkong*	Jan 24
Yamabiko	Kobe*	Jan 23

* And other ports

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Two Weeks Ended January 19

Aloe, 5 cases; excessive alcohol insoluble residue.
Balsam, 10 cases; restricted use.
Belladonna root, 51 bales; deficient in alkaloids.
Caraway seed; 100 bags; filthy.
Cassia oil, 40 drums; contains rosin and heavy metals.
Codliver oil, 100 drums; deficient in vitamin D.
Cod oil, 150 drums; restricted use.
Coriander seed, 70 bags; filthy.
Cumin seed, 58 bags; filthy.
Digitalis leaves, 35 packages; excessive moisture.
Medicinal preparations, 10 cases; false therapeutic claims.
Medicinal preparations, 10 cases; false therapeutic claims; alcohol not declared.
Medicinal preparation, 1 case; misbranded as to composition.
Milk compounds, 43 cases; false therapeutic claims.
Mineral water, 5 cases; false therapeutic claims; no quantity of contents statement.
Nutmegs, 12 cases; wormy.
Stramonium leaves, 98 bales; excessive acid insoluble ash.

Boston

Two Weeks Ended January 19

Aromatic herb, 7 cases; moldy.
Radio active water, 10 parcels; false therapeutic claims.

Philadelphia

Week Ended January 12

Caraway seed, 135 bags; filthy.
Coriander seed, 200 bags; filthy.
Medicinal prepartion, 3 pieces; false therapeutic claims.
Savory leaves, 11 bales; filthy.

San Francisco

Two Weeks Ended January 13

Medicinal prepartions, 30 pieces; false therapeutic claims.

Seattle

Two Weeks Ended January 13

Medicinal preparations, 140 pieces; false therapeutic claims.
Medicinal preparations, 1 piece; acetanilide not declared.
Medicinal preparations, 384 pieces; not U.S.P. and not so declared; false and misleading statements.

Tariff Board Issues Data on Packaging

—Continued from page 5

construction than are necessary for domestic shipments of the same goods. The greater gross weight of such shipments results in increased transporta

tion costs which can be calculated through the use of packaging information of the kind compiled in this volume. The data also enable the calculation of transportation costs per pound of net weight of articles.

The data shown for individual commodities comprise the kinds of outer containers and the kinds and number of inner containers and types of packing materials commonly used for domestic shipments and for comparable import or export shipments, the gross weight of packages ready for shipment, net weight of goods, tare weight of outer containers, cubic space occupied by outer containers in a transportation vehicle or storage warehouse, and the factors of density (weight per cubic foot) and stowage (cubic feet per 2,240 pounds) of each package.

The material summarized in this volume, much of which was not heretofore available, was collected by the United States Tariff Commission during June to November, 1937, from several hundred domestic manufacturers and importers. The volume of 160 pages is divided into seven sections, as follows:—

"Chemicals, Oils, and Paint."

"Nonmetallic Minerals, Pottery, Glass, and Related Ceramic Products."

"Metals and Manufacturers Thereof, including Machinery."

"Wood, Pulp, Paper, and Manufacturers Thereof."

"Agricultural and Fishery Commodities Manufacturers Thereof, and Beverages."

"Textile Materials and Manufacturers."

"Sundries."

Copies of individual sections or of the complete manual may be obtained by addressing the United States Tariff Commission, Washington.

Bids Wanted

Acetone:—Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2536, opening January 25.

Acetylene:—125 tanks; Commanding Officer, Picatinny Arsenal, N. J.; circular 562, opening January 28.

Alcohol, Hexehydric:—110 gallons; Purchasing Agent, Government Printing Office, Washington; opening January 24.

Ammonia, Aqua:—Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2536, opening January 25.

Asphalt Filler:—Treasury Department, Baltimore State Procurement Office; Procurement 4-3227, opening January 31.

Bags, Burlap:—4,000 for Presque Isle, Me., Division of Purchases and Sales, Department of Agriculture, Washington; procurement 1236, opening January 28.

Borax:—Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2536, opening January 25.

Carbon Tetrachloride:—62,500 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; circular 610, opening January 31.

Chlorine:—30,000 pounds; U. S. Engineer Office, Navy Department, Washington; circular 67, opening January 27.

Lead, Red:—Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2536, opening January 25.

White:—1,000 pounds; Chief Clerk, U. S. Detention, Milan, Michigan; procurement 595, opening January 26.

Lime, Hydrated:—200 tons; U. S. Engineer Office, Navy building, Washington; circular 69, opening January 28.

Linseed Oil:—1,000 gallons; U. S. Engineer Office, P. O. Box 60, Vicksburg, Miss.; circular 176, opening January 28.

Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2536, opening January 25.

Naphthalene:—Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2536, opening January 25.

Soap:—15,000 pounds fresh water; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 55816, opening February 3.

Soap, Laundry:—600,060 cakes; Quartermaster Depot, 1819 Pershing Road, Chicago; procurement 199-111, opening January 26.

Soda, Caustic:—Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2536, opening January 25.

Soda, Sal:—12,000 pounds; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 55793, opening January 24.

Chlorites Included In Hazardous Freight

OPD Washington Bureau
January 20, 1938

A large number of changes in the regulations for the transportation of explosives and other dangerous articles were made today by the Interstate Commerce Commission.

Three new chemicals were added to the dangerous articles list—calcium chlorite, nickel carbonyl, and sodium chlorite, while wet trinitroescorcinol (styphnic acid) was deleted from the list.

Chlorate of soda and chlorate of potash may not be shipped in wooden barrels or kegs after November 7, 1938.

The order makes a number of changes in shipping container specifications. Drum 5C when made of stainless steel for the shipment of nitric acid may be two gauges lighter than the steel required from drum 5A. Drum 5G is required to be made of a special nickel-chrome alloy, this replaces a former specification which required that whatever metal used be able to stand a nitric acid test lasting one month. Wooden barrel 22A, used for shipping dry chemicals, may be closed with a 28-gauge steel push-in closure in place of a nailed-in wooden plug if desired.

The order also makes a large number of other technical changes in the regulations for shipping dangerous articles.

Palestine Potash Pays Dividends

London, Jan. 12, 1938

Palestine Potash has paid dividends on the 7.5-percent preference and 5.5-percent cumulative redeemable participating preference shares. Hitherto the dividends have been guaranteed by the Anglo-Palestine Bank. On this occasion they are, for the first time, being paid out of the company's profits. Thus the company is now able to meet its obligations without outside help.

Evidently the disturbances in Palestine have not reacted upon the company with excessive severity. Helpful factors have been the revival of agriculture, increasing the demand for potash fertilizer, the enlarged capacity of the company's plant, and the improved quality of its product.

The Earl of Lytton is chairman of the company, which was registered in 1929. Issued capital stands at £746,450. Profits for last year amounted to £26,900.

N.P.V.L.A. Secretaries Address Local Clubs

Eward R. Drake, secretary of the wholesale division of the National Paint, Varnish and Lacquer Association, spoke at the January 18 meeting of the Louisville Paint, Varnish and Lacquer Association and spent the next two days in Louisville and Cincinnatti in the interest of the wholesale division.

Laurence L. Kiefer, secretary of the national association's trade sales division, also spoke at the Louisville meeting, on "Styling with Paint," and showed slides of association activities. He visited local paint clubs and wholesalers, with a similar purpose, in Indianapolis January 19; Columbus January 20; and Detroit January 21, and he will be in Toledo January 24; Cleveland January 25; and Buffalo January 26.

Baekeland to Get 1938 Messel Medal

Dr. Leo H. Baekeland, this city, has been elected to receive the Messel Medal of the Society of Chemical Industry for 1938. This medal is awarded by the society biennially for outstanding achievement in science. It was founded in 1922 in honor of Rudolph Messel, benefactor, one of the original members of the Society of Chemical Industry and twice its president.

The medal for 1938 will be presented to Dr. Baekeland June 20 at the annual meeting of the Society of Chemical Industry in Ottawa, Canada.

Princeton Bequeathed $50,000 for Chemistry

Two advanced fellowships in chemistry will be established at Princeton University. Establishment of these fellowships is provided for in a bequest of $50,000 to the university by the late Professor LeRoy Wiley McCay, who graduated in 1877. Professor McCay died last April.

Labor Laws Proposed in N.Y.

Albany, Jan. 20, 1938

Scores of bills have been introduced in the State legislature with a variety of purposes in the way of regulation of labor practices. Among these measures are the following:—

Flynn bill (A. I. 437), prohibiting refusal to employ or dismissal of person who has attained age of forty years, penalty to be not less than $50 or more than $200, or imprisonment for not less than twenty nor more than thirty days.

Howard bill (S. I. 132), making violations of law or board rule regulating employment of minors a misdemeanor punishable by a fine of $500 or a year's imprisonment.

Hawkins bill (A. I. 158), outlawing sympathetic strikes affecting employers who are faithfully carrying out contractual provisions with their employees.

Schwartz bill (A. I. 235), giving right of jury trial to a person charged with picketing in an industrial dispute.

Rossi bill (A. I. 78), setting up a maximum thirty-hour workweek in factories and mercantile establishments.

Howard bill (S. I. 393), prohibiting "kick-back" of wages.

De Matteo bill (A. I. 519), allowing workman's compensation from date of disability when the results of an injury are disabling for more than twenty-one days.

Kwiatkowski bill (A. I. 527), prohibiting advertising for employment of labor without stating the existence of a strike or lockout when such is the case.

Rossi bill (A. I. 543) providing for a five-day workweek in factories and mercantile establishments.

Obituaries

Robert J. Keller

Robert J. Keller, former president of the Geigy Company, dyestuffs, this city, died at his home in Summit, N. J., January 13, after a lingering illness. He was seventy-seven years of age.

Born in Brooklyn, Mr. Keller attended Brooklyn Polytechnic Institute,

Robert J. Keller

leaving in 1876 to become an office boy for the firm of Fischer & Keller, of which his father, the late John J. Keller, was then a partner, and the activities of which company were partly devoted to the sale of anilin colors, sumac and nutgall extracts made by the Geigy Aniline and Extract Works, Basle, Switzerland. Mr. Keller studied chemistry at night, and was subsequently sent to study the processing operations of the Geigy plant in Basle. In 1883 Mr. Keller and his older brother, the late Ernest Keller, were admitted to the firm of Fischer & Keller and after their father's death in 1885 they continued the business, later changing the name to John J. Keller, Inc. A younger brother, Alfred D. Keller, who retired from the Geigy organization several years ago, joined them in 1895.

In 1903 the firm name of John J. Keller, Inc., was changed to Geigy Aniline & Extract Works, with Robert J. Keller as president. Following arrangements made abroad by J. R. Geigy S.A., successors to the Geigy firm in Switzerland, with Weiler-ter-Meer, Uerdingen, Germany, the New York firm became the Geigy-ter-Meer Company. In 1916 Geigy Company, Inc., with Mr. Keller as president, was formed. He retired in 1925. The Geigy organization has manufacturing plants in Cincinnati and Bayonne, N. J., and branch offices in Boston, Philadelphia, Chicago, Toronto, Portland, Ore., and other cities.

Surviving, besides his brother, are his widow and a son, Robert J. Keller, jr., Lynchburg, Va.

Dr. John Kunkel Small

Dr. John Kunkel Small, director of research and curator of the New York Botanical Gardens, died January 20 of a heart attack at his home in Brooklyn. He was sixty-eight years of age.

Born in Harrisburg, Dr. Small attended Franklin & Marshall College, graduating in 1892. He then went to Columbia, receiving his doctorate in Philosophy in 1895 and his Doctor of Science degree in 1912. After graduating from Columbia he served as a special agent for the Georgia Geological Survey and then returned to Columbia to become curator of the herbarium there. In 1899 he became connected with the New York Botanical Gardens and remained there until his death.

One of the best known botanists of the country, Dr. Small was known particularly for his exploration and classification of the plants and trees of Florida, to which he had made thirty-five trips into the backlands of that State. The total of his writing and editings on botanical subjects included more than 450 papers and books. At his death he had completed thirty manuscripts which are still unpublished. Included was a manuscript of a book on the ferns of the southeastern States. In 1928 Dr. Small received a leave of absence from the Botanical Gardens so that he might cooperate with the late Thomas A. Edison in the latter's rubber investigations in Florida. The inventor believed he could extract commercially profitable rubber from ferns.

Surviving are his wife, two sons and two daughters.

Mrs. Mary Hinman Abel, wife of Dr. John J. Abel, director of the laboratory for endocrine research at the Johns Hopkins Medical School, Baltimore, died January 20 after an illness of several years. She was eighty-seven years of age. Surviving, besides her husband, are two sons.

William P. Crenshaw, former head of the Home Fertilizer Company, one-time Baltimore fertilizer producer, died January 19 in Raleigh, N. C. , In recent years Mr. Crenshaw operated a fertilizer company in North Carolina under the same name as his earlier Baltimore company. He was 61 years old.

Clarence Oswald Douden, president of the Brooklyn College of Pharmacy from 1911 to 1913 and a retail druggist in Brooklyn for forty-eight years, died in his home there January 16. He was seventy-seven years old. He left a widow and one son.

Dr. George W. Field, a pioneer in oil conservation work, died January 19 in Tacoma, Md. He was seventy-four years of age. Dr. Field established the Sharon, Mass., Experimental Station.

Hugh J. Greechan, chemist and plant manager at the Mamaroneck factory of the New York McIntosh Company, died January 17 of pneumonia in a Port Chester, N. Y., hospital. He was forty-six years of age. Surviving are his widow and two sons.

Mrs. Frank S. Newcomb died January 20 in her home in Campbell, Cal., at the age of eighty-nine years. She was the mother of Dr. E. L. Newcomb, executive vice-president and secretary of the National Wholesale Druggists Association, this city, and of two other sons who survive, H. S. Newcomb and G. R. Newcomb. Her husband died several years ago.

Arthur L. Peck, identified with the paint and varnish business in Providence, R. I., for more than fifty years, died January 19 at his home in Cranston, R. I.

Charles Prescott Rees, vice-president in charge of mining and a director of the Vanadium Corporation of America, with which he had been associated since 1925, died of pneumonia in his home January 19 in Yonkers, N. Y. He was sixty years of age. He leaves his wife, a son and his mother.

Augustus S. Smith, former member of the sales staff of Schieffelin & Co., wholesale druggist, this city, died January 13 at Glen Ridge, N. J. He was seventy-seven years of age. Born in Pennsylvania, Mr. Smith graduated from the Philadelphia College of Pharmacy. After brief periods with Valentine H. Smith & Co., and with Smith, Kline and French Company, Philadelphia, he joined Bruen Ritchey & Co., New York, with whom he remained thirty-two years. In 1917 Mr. Smith joined the sales department of the Schieffelin organization, where staying until his retirement in 1936.

James W. Van Meter, inventor and developer of various ores and chlorine treatment processes, died of a heart attack January 18 in Los Angeles. He was sixty-seven years of age. He installed an oil flotation process plant for the separation of ores while working silver and tin mines in Peru and Bolivia in 1901, and later founded chlorine works in Germany and Argentina. He also aided in the development of Mexican quicksilver mines.

B. H. Wescott, for twenty-two years a representative of S. B. Penick & Co., botanical drugs, this city, died January 14 at his home in Buffalo, N. Y. Mr. Wescott covered New York State for his company. Surviving is his wife.

Business Wants and Offers

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FOR SALE — Twenty-inch water-cooled stone mills with and without mixing feeder pots. Rebuilt, clean, like new. Photos. Will trade or buy your idle equipment. Write full details. BOX 629, Oil, Paint and Drug Reporter.

FOR SALE — Five J. H. Day No. 3 rapid sifters with about 20 sifter boxes; one Reed dry mixer; one Mead mill grinder, No. 2, with 5 H.P. A.C. motor on steel frame; complete with endless belt, starting switch, etc. All in first class condition. BOX 630, Oil, Paint and Drug Reporter.

FOR SALE — Five Sweetland filters, up to No. 12; twenty plate-frame and recessed types filter presses, iron, bronze, wood, all sizes; forty centrifugal machines up to 60 inches; twenty-five copper jacketed kettles with and without agitators, up to 500 gallons; vacuum dryers, W. & P. mixers, rotary dryers, pulverizers, tanks, kettles, etc. Send us your inquiries. Consolidated Products Company, Inc., 15-17-19 Park Row, New York, N. Y.

Factories Offered

BRICK FACTORY—High one-story, 10,000 square feet, concrete floor, no columns, live steam available 24 hours day, railroad siding, yard. Unrestricted district; 15 minutes to Manhattan. Low rent. The R. L. Kraft Company, Woolworth Bldg., COrtlandt 7-9377.

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CALIFORNIA WATERPROOFING chemicals concrete manufacturer open to negotiations to become affiliated as subsidiary with national paint or chemical manufacturers, regular paint machinery equipment all that is required, with financing for Eastern sales and European markets. Tremendous sales possibilities open for trade, established waterproofed products. BOX 628, Pasadena, Calif.

Investment Wanted

INDUSTRIAL CHEMIST desires active partnership with capital investment in chemical manufacturing business or chemical laboratory. Eastern location. State details as to products, customers and organization in reply to BOX 627, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

WILL BUY in tankcar lots quantities of crude coal tar, light water gas tar, and heavy water gas tar, within 500-mile radius of Philadelphia. BOX 620, Oil, Paint and Drug Reporter.

Positions Vacant

MAN experienced in buying and reselling waxes to open new department for established chemical firm in New York City. Only apply if you have connections and following. All replies treated confidentially. BOX 619, Oil, Paint and Drug Reporter.

SALESMAN WANTED to sell sodium hypochlorite in the New York metropolitan area. State full particulars. BOX 606, Oil, Paint and Drug Reporter.

OPPORTUNITY for paint chemist with small, growing concern in Maryland. Must have experience manufacturing complete line paints and varnishes for industrial and store trade and assume full responsibility of production. State full particulars and salary desired. BOX 626, Oil, Paint and Drug Reporter.

CHEMIST for laboratory near New York City. Experienced in analyzing greases; previous experience with grease manufacturers essential. Give full qualifications, etc. BOX 631, Oil, Paint and Drug Reporter.

PAINT MAN who is thoroughly familiar and experienced in the paint industry to promote sales and direct salesmen for industrial and dealers' trades. To work from Baltimore sales office. Salary and bonus. State details, age, experience and salary desired. All replies confidential. BOX 632, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN for raw materials for paint, ink, and rubber industries. Write giving full particulars, salary. BOX 637, Oil, Paint and Drug Reporter.

Positions Wanted

YOUNG MAN, 26, desires position in tropics, 15 years full and part time experience in drugs and chemicals. One year college. For full particulars and references, write BOX 610, Oil, Paint and Drug Reporter.

TABLET MAKER, 15 years' experience, formulating, granulating, compressing, sugar coating. Expert in effervescent tablets and salt. Desires position with good company. BOX 611, Oil, Paint and Drug Reporter.

SALESMAN desires position with reputable firm; 20 years' outside experience, detailing and selling pharmaceuticals and biologicals. Now employed as salesman. Highest type references supplied. BOX 621, Oil, Paint and Drug Reporter.

PAINT and varnish man, familiar with manufacture of phenolic, urea, alkyd and other resins, their formulation, and with experience in formulating, manufacture and technical service of paint and lacquer products, both shelf and industrial, desires permanent position. BOX 622, Oil, Paint and Drug Reporter.

CHEMIST, employed at eastern lacquer manufacturing concern for last six years as head of control laboratory, with some experience in lacquers, synthetics formulation, seeks opportunity in development or research work. BOX 623, Oil, Paint and Drug Reporter.

FIRST-CLASS CHEMIST in production of modern paint and varnish products seeks change. BOX 624, Oil, Paint and Drug Reporter.

PHARMACEUTICAL-COSMETIC chemist-executive, supervise production, clinical tests, raw materials; develop formulas; write up labels, advertising matter suggestions; recommend sales stimulators. Salary and commission. BOX 625, Oil, Paint and Drug Reporter.

LABORATORY MAN, long experience with old-established essential oil house recently reorganized, desires position. BOX 628, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL ENGINEER with twelve years' experience in sales and technical development of paints, varnishes and lacquers. BOX 633, Oil, Paint and Drug Reporter.

CHEMIST having two years' experience in specification and analysis of raw materials entering into the manufacture of coated fabrics, desires employment in chemical sales or patent work. BOX 634, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST, has tested organic dyes and dye intermediates; also water softeners. BOX 635, Oil, Paint and Drug Reporter.

SALESMAN, 30, enterprising, perseverant, desires opportunity with reputable firm; executive, chemical, sales experience. Pharmacist. BOX 636, Oil, Paint and Drug Reporter.

Services Wanted

IMPORTANT European paraffin dealers desire to get in touch with buying agent actually specializing in this branch of business. Write fully with references to BOX 612, Oil, Paint and Drug Reporter.

CALIFORNIA MANUFACTURER seeks consultation service by mail with expert paint man who is thoroughly experienced in formulating Government specification paints, varnishes and allied products to meet competitive prices. Good pay to right party. All relations must be strictly confidential. BOX 607, Oil, Paint and Drug Reporter.

Surplus Stock

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Chemurgic Research Endowment Established

A $500,000 trust endowment fund for agricultural and chemurgic research at the Michigan State College, East Lansing, has been established by the Rockham Foundation. Utilization of the endowment will be in a study of the development of industrial uses for farm crops.

Research will be centered on the manufacture out of ordinary farm waste materials, such as straw, corn stalks, sawdust, etc., of a material that can be incorporated with the soil, permanent or semi-permanent in nature, that will increase its porosity, give it more spongy texture and serve greatly to increase its water-absorbing and water-holding capacity.

Such a product, trustees of the foundation feel, would provide a means of dealing effectively with both flood and drouth. In addition, if and when such a product is developed at a cost making its use practicable, there would be provided an entirely new use for enormous quantities not only of materials now going to waste, but of materials raised for this specific purpose. Such uses, it is believed, will provide the farmer with new markets and in turn bring about new work for labor and new activities in industry. Details of personnel or methods of approach to be employed in the research work were not available.

Trustees selected to administer the income from the grant are:—Robert S. Shaw, president of Michigan State College; V. R. Gardner, director of the Michigan Agricultural Experiment Station; Hudson McCarroll, chief chemist of the Ford Motor Company; Michael A. Gorman, editor of the *Flint Journal*, and Dexter Horton of Ann Harbor, Mich.

Little to Supervise Dry-Cleaning Research

Dr. Ralph G. D. Moore has been retained by Arthur D. Little, Inc., industrial chemists, Cambridge, Mass., to conduct research work which has been planned under the dry-cleaning fellowship provided by the Institute for Maintaining Dry-cleaning Standards.

Dr. Moore's researches in dry-cleaning solvents and detergents will be conducted under the supervision of the Little organization and with the cooperation of a research committee composed of several authorities outside of the Little research staff.

Dr. Moore obtained his doctorate in 1936 at McGill University, Montreal, and has just terminated a post-doctorate fellowship at the same university, investigating soap - phenol - water systems and their possible connection with the action of certain detergents in the purification of rayon wood pulp.

Business Group Offers President Recovery Plan

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pany; R. R. Deupree, president of the Procter & Gamble Company; M. B. Folsom, treasurer of the Eastman Kodak Company; Clarence Francis, president of the General Foods Corporation; H. P. Kendall, president of the Kendall Company; de Lancey Kountze, chairman of the board of the Devoe & Raynolds Company; Paul W. Litchfield, president of the Goodyear Tire & Rubber Company; E. T. Stannard, president of the Kennecott Copper Corporation; R. Douglas Stuart, vice-president of the Quaker Oats Company; and Walter C. Teagle, chairman of the board of the Standard Oil Company of New Jersey.

Bradley & Baker Opens Norfolk Branch Office

Bradley & Baker, fertilizer materials, this city, has opened a branch office in the Royster building, Norfolk, Va. This new branch is under the management of K. B. Miller, who has been succeeded as manager of the Baltimore office by J. K. Daugherty, previously president of the J. K. Daugherty Company, which has been liquidated. He was also formerly affiliated with G. Ober & Sons, Baltimore, and the Davidson Chemical Company. Bradley & Baker has a branch office in Jacksonville, Fla.

U.S. Revenue Shows Sharp Increase

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for November, 1937, compared with November, 1936, follows:—

Taxes Collected

	November 1937.	November 1936.
Chewing gum.....	$83,853.79	$90,719.99
Crude petroleum, processed, etc...	80,460.66	74,189.51
Coconut, etc., oils, processed	2,587,578.80	2,535,841.58
Distilled spirits, domestic, excise tax $2 per gallon	27,806,763.59	29,357,600.65
Distilled spirits, imported excise tax $2 per gallon	3,651,216.06	3,400,115.86
Distilled spirits, rectification tax 30c. per proof gallon	1,495,098.29	1,457,482.44
Gasoline	18,674,817.07	12,980,998.46
Lubricating oils...	2,457,317.36	1,878,392.02
Matches	261,640.00	280,992.12
Narcotics, including special taxes	20,565.80	13,338.17
Oleomargarin, excise taxes.....	106,029.20	91,934.10
Oleomargarin, special taxes.....	37,842.64	30,631.34
Toilet preparations— At 5 percent...	516,748.83	582,212.83
At 10 percent...	866,863.24	1,011,748.91
Transportation of oil by pipeline..	922,322.48	720,738.59
Total internal revenues	$325,736,141.31	$176,525,695.97

Quantities Taxes

	November 1937.	November 1936.
Distilled spirits, domestic, tax gallons...	13,885,923	14,662,399
Distilled spirits, imported, tax gallons...	1,825,608	1,700,058
Distilled spirits, rectified, proof gallons....	4,983,661	4,858,275
Oleomargarin, colored, pounds	69,907	59,966
Oleomargarin, uncolored, pounds.....	39,615,380	34,305,000

John C. Cooley has resigned from the Eastern sales staff of Wilson & Bennett Mfg. Company and rejoined the New York organization of the Reynolds Metals Company. Mr. Cooley is now in the home insulation and building materials department of Reynolds.

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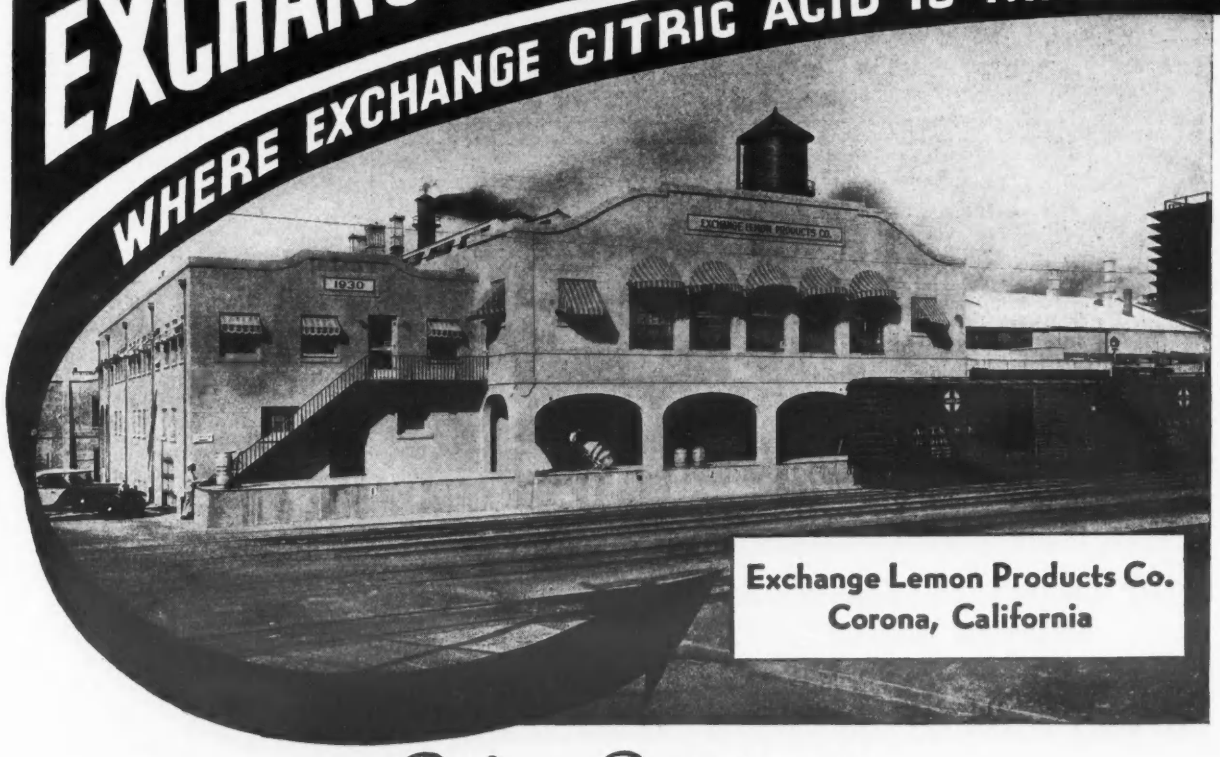

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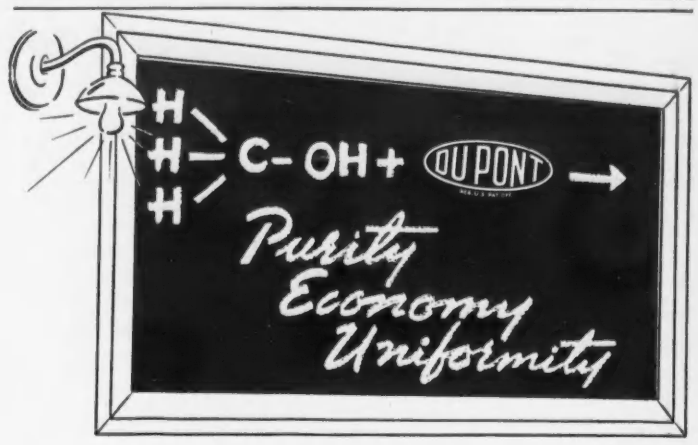

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